# Namespaces

## Namespaces

|  |  |
| --- | --- |
| Namespace | Description |
| [BusinessLayer](#_E46BF56B_Topic) | The Business Layer |
| [HostelManagement](#_6D834E4B_Topic) |  |
| [Shared](#_6C33B2A5_Topic) |  |

# BusinessLayer Namespace

The Business Layer

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [AcHead](#_E9474DDD_Topic) |  |
| Public class | [Allotment](#_41D2B6D6_Topic) |  |
| Public class | [Course](#_B845286B_Topic) |  |
| Public class | [Department](#_2616D7DD_Topic) |  |
| Public class | [Gender](#_34A908EF_Topic) |  |
| Public class | [Hostel](#_FE3884E2_Topic) |  |
| Public class | [HostelBill](#_CE97A28F_Topic) |  |
| Public class | [HostelCharge](#_46A6C290_Topic) |  |
| Public class | [HostelManagementEntities1](#_F9D16E74_Topic) |  |
| Public class | [HostelTransaction](#_575D3EA5_Topic) |  |
| Public class | [MessBill](#_F0274262_Topic) |  |
| Public class | [MessTransaction](#_9A040EC4_Topic) |  |
| Public class | [PaymentType](#_32345509_Topic) |  |
| Public class | [ReportHelper](#_77A690E2_Topic) | A class with the Business Logic that is used for report generation |
| Public class | [Room](#_691C606E_Topic) |  |
| Public class | [RoomType](#_57F754DD_Topic) |  |
| Public class | [Student](#_87A9E4A8_Topic) |  |
| Public class | [StudentHelper](#_D74F0F5C_Topic) | Class that conaains the business logic for the student activities |
| Public class | [TransactionHelper](#_D01A8678_Topic) | Class that contains the business logic for hostel and mess transactions |

# AcHead Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.AcHead

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AcHead |

|  |
| --- |
| VB |
| Public Class AcHead |

|  |
| --- |
| C++ |
| public ref class AcHead |

|  |
| --- |
| F# |
| type AcHead = class end |

The **AcHead** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AcHead](#_C7B50A7A_Topic) | Initializes a new instance of the **AcHead** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [custom](#_56986004_Topic) |  |
| Public property | [HostelTransactions](#_6949AE75_Topic) |  |
| Public property | [id](#_27BB72FC_Topic) |  |
| Public property | [recurr](#_936E1CC1_Topic) |  |
| Public property | [val](#_CDD9977C_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead Constructor

Initializes a new instance of the [AcHead](#_E9474DDD_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AcHead() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AcHead() |

|  |
| --- |
| F# |
| new : unit -> AcHead |

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.AcHead Properties

The [AcHead](#_E9474DDD_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [custom](#_56986004_Topic) |  |
| Public property | [HostelTransactions](#_6949AE75_Topic) |  |
| Public property | [id](#_27BB72FC_Topic) |  |
| Public property | [recurr](#_936E1CC1_Topic) |  |
| Public property | [val](#_CDD9977C_Topic) |  |

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.custom Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> custom { get; set; } |

|  |
| --- |
| VB |
| Public Property custom As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> custom {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member custom : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.HostelTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<HostelTransaction> HostelTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelTransactions As ICollection(Of HostelTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<HostelTransaction^>^ HostelTransactions {  ICollection<HostelTransaction^>^ get ();  void set (ICollection<HostelTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelTransactions : ICollection<HostelTransaction> with get, set override HostelTransactions : ICollection<HostelTransaction> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([HostelTransaction](#_575D3EA5_Topic))

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.recurr Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> recurr { get; set; } |

|  |
| --- |
| VB |
| Public Property recurr As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> recurr {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member recurr : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ val {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member val : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# AcHead.AcHead Methods

The [AcHead](#_E9474DDD_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AcHead Class](#_E9474DDD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Allotment

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Allotment |

|  |
| --- |
| VB |
| Public Class Allotment |

|  |
| --- |
| C++ |
| public ref class Allotment |

|  |
| --- |
| F# |
| type Allotment = class end |

The **Allotment** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Allotment](#_F76120A4_Topic) | Initializes a new instance of the **Allotment** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_462F8C09_Topic) |  |
| Public property | [dateOfJoin](#_D2C9FBFD_Topic) |  |
| Public property | [dateOfLeave](#_4876A283_Topic) |  |
| Public property | [hostelBlock](#_BA7A7320_Topic) |  |
| Public property | [Room](#_B7C52EF7_Topic) |  |
| Public property | [roomNum](#_BBF8C5F0_Topic) |  |
| Public property | [slNum](#_2023DCF4_Topic) |  |
| Public property | [Student](#_AF7C6FA7_Topic) |  |
| Public property | [year](#_26849A88_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment Constructor

Initializes a new instance of the [Allotment](#_41D2B6D6_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Allotment() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Allotment() |

|  |
| --- |
| F# |
| new : unit -> Allotment |

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.Allotment Properties

The [Allotment](#_41D2B6D6_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_462F8C09_Topic) |  |
| Public property | [dateOfJoin](#_D2C9FBFD_Topic) |  |
| Public property | [dateOfLeave](#_4876A283_Topic) |  |
| Public property | [hostelBlock](#_BA7A7320_Topic) |  |
| Public property | [Room](#_B7C52EF7_Topic) |  |
| Public property | [roomNum](#_BBF8C5F0_Topic) |  |
| Public property | [slNum](#_2023DCF4_Topic) |  |
| Public property | [Student](#_AF7C6FA7_Topic) |  |
| Public property | [year](#_26849A88_Topic) |  |

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.bid Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.dateOfJoin Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DateTime dateOfJoin { get; set; } |

|  |
| --- |
| VB |
| Public Property dateOfJoin As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: property DateTime dateOfJoin {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| member dateOfJoin : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.dateOfLeave Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<DateTime> dateOfLeave { get; set; } |

|  |
| --- |
| VB |
| Public Property dateOfLeave As Nullable(Of DateTime)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<DateTime> dateOfLeave {  Nullable<DateTime> get ();  void set (Nullable<DateTime> value); } |

|  |
| --- |
| F# |
| member dateOfLeave : Nullable<DateTime> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y))

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.hostelBlock Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int hostelBlock { get; set; } |

|  |
| --- |
| VB |
| Public Property hostelBlock As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int hostelBlock {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member hostelBlock : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.Room Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Room Room { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Room As Room  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Room^ Room {  Room^ get ();  void set (Room^ value); } |

|  |
| --- |
| F# |
| abstract Room : Room with get, set override Room : Room with get, set |

#### Property Value

Type: [Room](#_691C606E_Topic)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.roomNum Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int roomNum { get; set; } |

|  |
| --- |
| VB |
| Public Property roomNum As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int roomNum {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member roomNum : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.slNum Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int slNum { get; set; } |

|  |
| --- |
| VB |
| Public Property slNum As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int slNum {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member slNum : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.Student Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Student Student { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Student As Student  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Student^ Student {  Student^ get ();  void set (Student^ value); } |

|  |
| --- |
| F# |
| abstract Student : Student with get, set override Student : Student with get, set |

#### Property Value

Type: [Student](#_87A9E4A8_Topic)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.year Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Allotment.Allotment Methods

The [Allotment](#_41D2B6D6_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Allotment Class](#_41D2B6D6_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Course

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Course |

|  |
| --- |
| VB |
| Public Class Course |

|  |
| --- |
| C++ |
| public ref class Course |

|  |
| --- |
| F# |
| type Course = class end |

The **Course** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Course](#_141566A6_Topic) | Initializes a new instance of the **Course** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [id](#_684B08FE_Topic) |  |
| Public property | [Students](#_60D9CB5B_Topic) |  |
| Public property | [val](#_F9A3052D_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course Constructor

Initializes a new instance of the [Course](#_B845286B_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Course() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Course() |

|  |
| --- |
| F# |
| new : unit -> Course |

## See Also

[Course Class](#_B845286B_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course.Course Properties

The [Course](#_B845286B_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [id](#_684B08FE_Topic) |  |
| Public property | [Students](#_60D9CB5B_Topic) |  |
| Public property | [val](#_F9A3052D_Topic) |  |

## See Also

[Course Class](#_B845286B_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Course Class](#_B845286B_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course.Students Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Student> Students { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Students As ICollection(Of Student)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Student^>^ Students {  ICollection<Student^>^ get ();  void set (ICollection<Student^>^ value); } |

|  |
| --- |
| F# |
| abstract Students : ICollection<Student> with get, set override Students : ICollection<Student> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Student](#_87A9E4A8_Topic))

## See Also

[Course Class](#_B845286B_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ val {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member val : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Course Class](#_B845286B_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Course.Course Methods

The [Course](#_B845286B_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Course Class](#_B845286B_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Department

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Department |

|  |
| --- |
| VB |
| Public Class Department |

|  |
| --- |
| C++ |
| public ref class Department |

|  |
| --- |
| F# |
| type Department = class end |

The **Department** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Department](#_77A9E58_Topic) | Initializes a new instance of the **Department** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [code](#_5F676F_Topic) |  |
| Public property | [id](#_4F7997C0_Topic) |  |
| Public property | [Students](#_ABDDAAAC_Topic) |  |
| Public property | [val](#_1B2EFC99_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department Constructor

Initializes a new instance of the [Department](#_2616D7DD_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Department() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Department() |

|  |
| --- |
| F# |
| new : unit -> Department |

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department.Department Properties

The [Department](#_2616D7DD_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [code](#_5F676F_Topic) |  |
| Public property | [id](#_4F7997C0_Topic) |  |
| Public property | [Students](#_ABDDAAAC_Topic) |  |
| Public property | [val](#_1B2EFC99_Topic) |  |

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department.code Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string code { get; set; } |

|  |
| --- |
| VB |
| Public Property code As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ code {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member code : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department.Students Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Student> Students { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Students As ICollection(Of Student)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Student^>^ Students {  ICollection<Student^>^ get ();  void set (ICollection<Student^>^ value); } |

|  |
| --- |
| F# |
| abstract Students : ICollection<Student> with get, set override Students : ICollection<Student> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Student](#_87A9E4A8_Topic))

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ val {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member val : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Department.Department Methods

The [Department](#_2616D7DD_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Department Class](#_2616D7DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Gender

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Gender |

|  |
| --- |
| VB |
| Public Class Gender |

|  |
| --- |
| C++ |
| public ref class Gender |

|  |
| --- |
| F# |
| type Gender = class end |

The **Gender** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Gender](#_83B274FF_Topic) | Initializes a new instance of the **Gender** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Hostels](#_E6992000_Topic) |  |
| Public property | [id](#_42CCEB11_Topic) |  |
| Public property | [Students](#_D47E228A_Topic) |  |
| Public property | [val](#_CEAC385A_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender Constructor

Initializes a new instance of the [Gender](#_34A908EF_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Gender() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Gender() |

|  |
| --- |
| F# |
| new : unit -> Gender |

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender.Gender Properties

The [Gender](#_34A908EF_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Hostels](#_E6992000_Topic) |  |
| Public property | [id](#_42CCEB11_Topic) |  |
| Public property | [Students](#_D47E228A_Topic) |  |
| Public property | [val](#_CEAC385A_Topic) |  |

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender.Hostels Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Hostel> Hostels { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Hostels As ICollection(Of Hostel)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Hostel^>^ Hostels {  ICollection<Hostel^>^ get ();  void set (ICollection<Hostel^>^ value); } |

|  |
| --- |
| F# |
| abstract Hostels : ICollection<Hostel> with get, set override Hostels : ICollection<Hostel> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Hostel](#_FE3884E2_Topic))

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender.Students Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Student> Students { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Students As ICollection(Of Student)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Student^>^ Students {  ICollection<Student^>^ get ();  void set (ICollection<Student^>^ value); } |

|  |
| --- |
| F# |
| abstract Students : ICollection<Student> with get, set override Students : ICollection<Student> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Student](#_87A9E4A8_Topic))

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ val {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member val : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Gender.Gender Methods

The [Gender](#_34A908EF_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Gender Class](#_34A908EF_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Hostel

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Hostel |

|  |
| --- |
| VB |
| Public Class Hostel |

|  |
| --- |
| C++ |
| public ref class Hostel |

|  |
| --- |
| F# |
| type Hostel = class end |

The **Hostel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Hostel](#_73101FC2_Topic) | Initializes a new instance of the **Hostel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [blockNumber](#_F4D1AAD4_Topic) |  |
| Public property | [Gender](#_A7911F26_Topic) |  |
| Public property | [occupantType](#_622187E6_Topic) |  |
| Public property | [Rooms](#_2BAACE70_Topic) |  |
| Public property | [type](#_56B8D70F_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel Constructor

Initializes a new instance of the [Hostel](#_FE3884E2_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Hostel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Hostel() |

|  |
| --- |
| F# |
| new : unit -> Hostel |

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.Hostel Properties

The [Hostel](#_FE3884E2_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [blockNumber](#_F4D1AAD4_Topic) |  |
| Public property | [Gender](#_A7911F26_Topic) |  |
| Public property | [occupantType](#_622187E6_Topic) |  |
| Public property | [Rooms](#_2BAACE70_Topic) |  |
| Public property | [type](#_56B8D70F_Topic) |  |

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.blockNumber Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int blockNumber { get; set; } |

|  |
| --- |
| VB |
| Public Property blockNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int blockNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member blockNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.Gender Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Gender Gender { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Gender As Gender  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Gender^ Gender {  Gender^ get ();  void set (Gender^ value); } |

|  |
| --- |
| F# |
| abstract Gender : Gender with get, set override Gender : Gender with get, set |

#### Property Value

Type: [Gender](#_34A908EF_Topic)

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.occupantType Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> occupantType { get; set; } |

|  |
| --- |
| VB |
| Public Property occupantType As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> occupantType {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member occupantType : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.Rooms Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Room> Rooms { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Rooms As ICollection(Of Room)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Room^>^ Rooms {  ICollection<Room^>^ get ();  void set (ICollection<Room^>^ value); } |

|  |
| --- |
| F# |
| abstract Rooms : ICollection<Room> with get, set override Rooms : ICollection<Room> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Room](#_691C606E_Topic))

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.type Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string type { get; set; } |

|  |
| --- |
| VB |
| Public Property type As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ type {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member type : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Hostel.Hostel Methods

The [Hostel](#_FE3884E2_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Hostel Class](#_FE3884E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.HostelBill

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelBill |

|  |
| --- |
| VB |
| Public Class HostelBill |

|  |
| --- |
| C++ |
| public ref class HostelBill |

|  |
| --- |
| F# |
| type HostelBill = class end |

The **HostelBill** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelBill](#_EAC29556_Topic) | Initializes a new instance of the **HostelBill** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [amount](#_C8E030BF_Topic) |  |
| Public property | [bid](#_FE21F7C1_Topic) |  |
| Public property | [descr](#_A220482D_Topic) |  |
| Public property | [id](#_CCFD518A_Topic) |  |
| Public property | [Student](#_D30FCB98_Topic) |  |
| Public property | [year](#_821D2D8E_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill Constructor

Initializes a new instance of the [HostelBill](#_CE97A28F_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelBill() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelBill() |

|  |
| --- |
| F# |
| new : unit -> HostelBill |

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.HostelBill Properties

The [HostelBill](#_CE97A28F_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [amount](#_C8E030BF_Topic) |  |
| Public property | [bid](#_FE21F7C1_Topic) |  |
| Public property | [descr](#_A220482D_Topic) |  |
| Public property | [id](#_CCFD518A_Topic) |  |
| Public property | [Student](#_D30FCB98_Topic) |  |
| Public property | [year](#_821D2D8E_Topic) |  |

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.amount Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<decimal> amount { get; set; } |

|  |
| --- |
| VB |
| Public Property amount As Nullable(Of Decimal)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<Decimal> amount {  Nullable<Decimal> get ();  void set (Nullable<Decimal> value); } |

|  |
| --- |
| F# |
| member amount : Nullable<decimal> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx))

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.bid Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.descr Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string descr { get; set; } |

|  |
| --- |
| VB |
| Public Property descr As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ descr {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member descr : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.Student Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Student Student { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Student As Student  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Student^ Student {  Student^ get ();  void set (Student^ value); } |

|  |
| --- |
| F# |
| abstract Student : Student with get, set override Student : Student with get, set |

#### Property Value

Type: [Student](#_87A9E4A8_Topic)

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.year Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> year {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member year : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelBill.HostelBill Methods

The [HostelBill](#_CE97A28F_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelBill Class](#_CE97A28F_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.HostelCharge

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelCharge |

|  |
| --- |
| VB |
| Public Class HostelCharge |

|  |
| --- |
| C++ |
| public ref class HostelCharge |

|  |
| --- |
| F# |
| type HostelCharge = class end |

The **HostelCharge** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelCharge](#_C1A33D97_Topic) | Initializes a new instance of the **HostelCharge** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [id](#_F76467A6_Topic) |  |
| Public property | [val](#_77985AE8_Topic) |  |
| Public property | [year](#_7C5531B4_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge Constructor

Initializes a new instance of the [HostelCharge](#_46A6C290_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelCharge() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelCharge() |

|  |
| --- |
| F# |
| new : unit -> HostelCharge |

## See Also

[HostelCharge Class](#_46A6C290_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge.HostelCharge Properties

The [HostelCharge](#_46A6C290_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [id](#_F76467A6_Topic) |  |
| Public property | [val](#_77985AE8_Topic) |  |
| Public property | [year](#_7C5531B4_Topic) |  |

## See Also

[HostelCharge Class](#_46A6C290_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelCharge Class](#_46A6C290_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<decimal> val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As Nullable(Of Decimal)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<Decimal> val {  Nullable<Decimal> get ();  void set (Nullable<Decimal> value); } |

|  |
| --- |
| F# |
| member val : Nullable<decimal> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx))

## See Also

[HostelCharge Class](#_46A6C290_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge.year Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelCharge Class](#_46A6C290_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelCharge.HostelCharge Methods

The [HostelCharge](#_46A6C290_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelCharge Class](#_46A6C290_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1 Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505)  
    BusinessLayer.HostelManagementEntities1

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelManagementEntities1 : DbContext |

|  |
| --- |
| VB |
| Public Class HostelManagementEntities1  Inherits DbContext |

|  |
| --- |
| C++ |
| public ref class HostelManagementEntities1 : public DbContext |

|  |
| --- |
| F# |
| type HostelManagementEntities1 =   class  inherit DbContext  end |

The **HostelManagementEntities1** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelManagementEntities1](#_9EBA8008_Topic) | Initializes a new instance of the **HostelManagementEntities1** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AcHeads](#_6618152F_Topic) |  |
| Public property | [Allotments](#_C842E532_Topic) |  |
| Public property | [ChangeTracker](http://msdn2.microsoft.com/en-us/library/gg696736) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Configuration](http://msdn2.microsoft.com/en-us/library/gg696706) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Courses](#_284EA4DD_Topic) |  |
| Public property | [Database](http://msdn2.microsoft.com/en-us/library/gg696725) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Departments](#_90D2CDDE_Topic) |  |
| Public property | [Genders](#_1FA5EBE0_Topic) |  |
| Public property | [HostelBills](#_F54BD286_Topic) |  |
| Public property | [HostelCharges](#_29E97A1_Topic) |  |
| Public property | [Hostels](#_85AEE2C_Topic) |  |
| Public property | [HostelTransactions](#_631FEA5A_Topic) |  |
| Protected property | **InternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [MessBills](#_B2ABEDFA_Topic) |  |
| Public property | [MessTransactions](#_ED8CD17A_Topic) |  |
| Public property | [PaymentTypes](#_865A1386_Topic) |  |
| Public property | [Rooms](#_C8EEC364_Topic) |  |
| Public property | [RoomTypes](#_ED448CBB_Topic) |  |
| Public property | [Students](#_90ADB2FE_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CallOnModelCreating** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **CallValidateEntity** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Private method | **DiscoverAndInitializeSets** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/gg696610) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/gg696657) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry(Object)](http://msdn2.microsoft.com/en-us/library/gg696238) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry``1(UMP)](http://msdn2.microsoft.com/en-us/library/gg696578) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/gg679432) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/gg696148) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/gg696535) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetValidationErrors](http://msdn2.microsoft.com/en-us/library/gg696560) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **InitializeLazyInternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnModelCreating](#_B998DA62_Topic) | (Overrides [DbContext.OnModelCreating(DbModelBuilder)](http://msdn2.microsoft.com/en-us/library/gg679267).) |
| Public method | [SaveChanges](http://msdn2.microsoft.com/en-us/library/gg696566) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync()](http://msdn2.microsoft.com/en-us/library/dn220070) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync(CancellationToken)](http://msdn2.microsoft.com/en-us/library/dn220059) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set(Type)](http://msdn2.microsoft.com/en-us/library/gg679544) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set``1()](http://msdn2.microsoft.com/en-us/library/gg696521) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ShouldValidateEntity](http://msdn2.microsoft.com/en-us/library/gg679532) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/gg696675) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ValidateEntity](http://msdn2.microsoft.com/en-us/library/gg679458) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate property | [System#Data#Entity#Infrastructure#IObjectContextAdapter#ObjectContext](http://msdn2.microsoft.com/en-us/library/gg696590) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1 Constructor

Initializes a new instance of the [HostelManagementEntities1](#_F9D16E74_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelManagementEntities1() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelManagementEntities1() |

|  |
| --- |
| F# |
| new : unit -> HostelManagementEntities1 |

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.HostelManagementEntities1 Properties

The [HostelManagementEntities1](#_F9D16E74_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AcHeads](#_6618152F_Topic) |  |
| Public property | [Allotments](#_C842E532_Topic) |  |
| Public property | [ChangeTracker](http://msdn2.microsoft.com/en-us/library/gg696736) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Configuration](http://msdn2.microsoft.com/en-us/library/gg696706) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Courses](#_284EA4DD_Topic) |  |
| Public property | [Database](http://msdn2.microsoft.com/en-us/library/gg696725) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Departments](#_90D2CDDE_Topic) |  |
| Public property | [Genders](#_1FA5EBE0_Topic) |  |
| Public property | [HostelBills](#_F54BD286_Topic) |  |
| Public property | [HostelCharges](#_29E97A1_Topic) |  |
| Public property | [Hostels](#_85AEE2C_Topic) |  |
| Public property | [HostelTransactions](#_631FEA5A_Topic) |  |
| Protected property | **InternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [MessBills](#_B2ABEDFA_Topic) |  |
| Public property | [MessTransactions](#_ED8CD17A_Topic) |  |
| Public property | [PaymentTypes](#_865A1386_Topic) |  |
| Public property | [Rooms](#_C8EEC364_Topic) |  |
| Public property | [RoomTypes](#_ED448CBB_Topic) |  |
| Public property | [Students](#_90ADB2FE_Topic) |  |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate property | [System#Data#Entity#Infrastructure#IObjectContextAdapter#ObjectContext](http://msdn2.microsoft.com/en-us/library/gg696590) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.AcHeads Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<AcHead> AcHeads { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property AcHeads As DbSet(Of AcHead)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<AcHead^>^ AcHeads {  DbSet<AcHead^>^ get ();  void set (DbSet<AcHead^>^ value); } |

|  |
| --- |
| F# |
| abstract AcHeads : DbSet<AcHead> with get, set override AcHeads : DbSet<AcHead> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([AcHead](#_E9474DDD_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Allotments Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Allotment> Allotments { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Allotments As DbSet(Of Allotment)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Allotment^>^ Allotments {  DbSet<Allotment^>^ get ();  void set (DbSet<Allotment^>^ value); } |

|  |
| --- |
| F# |
| abstract Allotments : DbSet<Allotment> with get, set override Allotments : DbSet<Allotment> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Allotment](#_41D2B6D6_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Courses Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Course> Courses { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Courses As DbSet(Of Course)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Course^>^ Courses {  DbSet<Course^>^ get ();  void set (DbSet<Course^>^ value); } |

|  |
| --- |
| F# |
| abstract Courses : DbSet<Course> with get, set override Courses : DbSet<Course> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Course](#_B845286B_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Departments Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Department> Departments { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Departments As DbSet(Of Department)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Department^>^ Departments {  DbSet<Department^>^ get ();  void set (DbSet<Department^>^ value); } |

|  |
| --- |
| F# |
| abstract Departments : DbSet<Department> with get, set override Departments : DbSet<Department> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Department](#_2616D7DD_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Genders Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Gender> Genders { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Genders As DbSet(Of Gender)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Gender^>^ Genders {  DbSet<Gender^>^ get ();  void set (DbSet<Gender^>^ value); } |

|  |
| --- |
| F# |
| abstract Genders : DbSet<Gender> with get, set override Genders : DbSet<Gender> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Gender](#_34A908EF_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.HostelBills Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<HostelBill> HostelBills { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelBills As DbSet(Of HostelBill)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<HostelBill^>^ HostelBills {  DbSet<HostelBill^>^ get ();  void set (DbSet<HostelBill^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelBills : DbSet<HostelBill> with get, set override HostelBills : DbSet<HostelBill> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([HostelBill](#_CE97A28F_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.HostelCharges Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<HostelCharge> HostelCharges { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelCharges As DbSet(Of HostelCharge)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<HostelCharge^>^ HostelCharges {  DbSet<HostelCharge^>^ get ();  void set (DbSet<HostelCharge^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelCharges : DbSet<HostelCharge> with get, set override HostelCharges : DbSet<HostelCharge> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([HostelCharge](#_46A6C290_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Hostels Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Hostel> Hostels { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Hostels As DbSet(Of Hostel)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Hostel^>^ Hostels {  DbSet<Hostel^>^ get ();  void set (DbSet<Hostel^>^ value); } |

|  |
| --- |
| F# |
| abstract Hostels : DbSet<Hostel> with get, set override Hostels : DbSet<Hostel> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Hostel](#_FE3884E2_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.HostelTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<HostelTransaction> HostelTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelTransactions As DbSet(Of HostelTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<HostelTransaction^>^ HostelTransactions {  DbSet<HostelTransaction^>^ get ();  void set (DbSet<HostelTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelTransactions : DbSet<HostelTransaction> with get, set override HostelTransactions : DbSet<HostelTransaction> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([HostelTransaction](#_575D3EA5_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.MessBills Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<MessBill> MessBills { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessBills As DbSet(Of MessBill)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<MessBill^>^ MessBills {  DbSet<MessBill^>^ get ();  void set (DbSet<MessBill^>^ value); } |

|  |
| --- |
| F# |
| abstract MessBills : DbSet<MessBill> with get, set override MessBills : DbSet<MessBill> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([MessBill](#_F0274262_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.MessTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<MessTransaction> MessTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessTransactions As DbSet(Of MessTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<MessTransaction^>^ MessTransactions {  DbSet<MessTransaction^>^ get ();  void set (DbSet<MessTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract MessTransactions : DbSet<MessTransaction> with get, set override MessTransactions : DbSet<MessTransaction> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([MessTransaction](#_9A040EC4_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.PaymentTypes Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<PaymentType> PaymentTypes { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property PaymentTypes As DbSet(Of PaymentType)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<PaymentType^>^ PaymentTypes {  DbSet<PaymentType^>^ get ();  void set (DbSet<PaymentType^>^ value); } |

|  |
| --- |
| F# |
| abstract PaymentTypes : DbSet<PaymentType> with get, set override PaymentTypes : DbSet<PaymentType> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([PaymentType](#_32345509_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Rooms Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Room> Rooms { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Rooms As DbSet(Of Room)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Room^>^ Rooms {  DbSet<Room^>^ get ();  void set (DbSet<Room^>^ value); } |

|  |
| --- |
| F# |
| abstract Rooms : DbSet<Room> with get, set override Rooms : DbSet<Room> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Room](#_691C606E_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.RoomTypes Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<RoomType> RoomTypes { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property RoomTypes As DbSet(Of RoomType)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<RoomType^>^ RoomTypes {  DbSet<RoomType^>^ get ();  void set (DbSet<RoomType^>^ value); } |

|  |
| --- |
| F# |
| abstract RoomTypes : DbSet<RoomType> with get, set override RoomTypes : DbSet<RoomType> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([RoomType](#_57F754DD_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.Students Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual DbSet<Student> Students { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Students As DbSet(Of Student)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property DbSet<Student^>^ Students {  DbSet<Student^>^ get ();  void set (DbSet<Student^>^ value); } |

|  |
| --- |
| F# |
| abstract Students : DbSet<Student> with get, set override Students : DbSet<Student> with get, set |

#### Property Value

Type: [DbSet](http://msdn2.microsoft.com/en-us/library/gg696460)([Student](#_87A9E4A8_Topic))

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.HostelManagementEntities1 Methods

The [HostelManagementEntities1](#_F9D16E74_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CallOnModelCreating** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **CallValidateEntity** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Private method | **DiscoverAndInitializeSets** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/gg696610) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/gg696657) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry(Object)](http://msdn2.microsoft.com/en-us/library/gg696238) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry``1(UMP)](http://msdn2.microsoft.com/en-us/library/gg696578) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/gg679432) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/gg696148) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/gg696535) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetValidationErrors](http://msdn2.microsoft.com/en-us/library/gg696560) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **InitializeLazyInternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnModelCreating](#_B998DA62_Topic) | (Overrides [DbContext.OnModelCreating(DbModelBuilder)](http://msdn2.microsoft.com/en-us/library/gg679267).) |
| Public method | [SaveChanges](http://msdn2.microsoft.com/en-us/library/gg696566) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync()](http://msdn2.microsoft.com/en-us/library/dn220070) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync(CancellationToken)](http://msdn2.microsoft.com/en-us/library/dn220059) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set(Type)](http://msdn2.microsoft.com/en-us/library/gg679544) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set``1()](http://msdn2.microsoft.com/en-us/library/gg696521) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ShouldValidateEntity](http://msdn2.microsoft.com/en-us/library/gg679532) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/gg696675) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ValidateEntity](http://msdn2.microsoft.com/en-us/library/gg679458) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagementEntities1.OnModelCreating Method

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| protected override void OnModelCreating(  DbModelBuilder modelBuilder ) |

|  |
| --- |
| VB |
| Protected Overrides Sub OnModelCreating (   modelBuilder As DbModelBuilder ) |

|  |
| --- |
| C++ |
| protected: virtual void OnModelCreating(  DbModelBuilder^ modelBuilder ) override |

|  |
| --- |
| F# |
| abstract OnModelCreating :   modelBuilder : DbModelBuilder -> unit  override OnModelCreating :   modelBuilder : DbModelBuilder -> unit |

#### Parameters

modelBuilder

Type: [DbModelBuilder](http://msdn2.microsoft.com/en-us/library/gg696284)

## See Also

[HostelManagementEntities1 Class](#_F9D16E74_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.HostelTransaction

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelTransaction |

|  |
| --- |
| VB |
| Public Class HostelTransaction |

|  |
| --- |
| C++ |
| public ref class HostelTransaction |

|  |
| --- |
| F# |
| type HostelTransaction = class end |

The **HostelTransaction** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelTransaction](#_9506049F_Topic) | Initializes a new instance of the **HostelTransaction** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AcHead](#_7ABA1E4C_Topic) |  |
| Public property | [amount](#_29176969_Topic) |  |
| Public property | [bankName](#_E777C0D1_Topic) |  |
| Public property | [bid](#_1F18138C_Topic) |  |
| Public property | [dateOfPay](#_ED03362D_Topic) |  |
| Public property | [head](#_60DF2FFF_Topic) |  |
| Public property | [id](#_EE65CF17_Topic) |  |
| Public property | [PaymentType](#_8B62E4AC_Topic) |  |
| Public property | [paymentTypeId](#_33BF7331_Topic) |  |
| Public property | [receipt](#_7A002B7E_Topic) |  |
| Public property | [Student](#_42DF7068_Topic) |  |
| Public property | [year](#_711E111C_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction Constructor

Initializes a new instance of the [HostelTransaction](#_575D3EA5_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelTransaction() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelTransaction() |

|  |
| --- |
| F# |
| new : unit -> HostelTransaction |

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.HostelTransaction Properties

The [HostelTransaction](#_575D3EA5_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AcHead](#_7ABA1E4C_Topic) |  |
| Public property | [amount](#_29176969_Topic) |  |
| Public property | [bankName](#_E777C0D1_Topic) |  |
| Public property | [bid](#_1F18138C_Topic) |  |
| Public property | [dateOfPay](#_ED03362D_Topic) |  |
| Public property | [head](#_60DF2FFF_Topic) |  |
| Public property | [id](#_EE65CF17_Topic) |  |
| Public property | [PaymentType](#_8B62E4AC_Topic) |  |
| Public property | [paymentTypeId](#_33BF7331_Topic) |  |
| Public property | [receipt](#_7A002B7E_Topic) |  |
| Public property | [Student](#_42DF7068_Topic) |  |
| Public property | [year](#_711E111C_Topic) |  |

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.AcHead Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual AcHead AcHead { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property AcHead As AcHead  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property AcHead^ AcHead {  AcHead^ get ();  void set (AcHead^ value); } |

|  |
| --- |
| F# |
| abstract AcHead : AcHead with get, set override AcHead : AcHead with get, set |

#### Property Value

Type: [AcHead](#_E9474DDD_Topic)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.amount Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<decimal> amount { get; set; } |

|  |
| --- |
| VB |
| Public Property amount As Nullable(Of Decimal)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<Decimal> amount {  Nullable<Decimal> get ();  void set (Nullable<Decimal> value); } |

|  |
| --- |
| F# |
| member amount : Nullable<decimal> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx))

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.bankName Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bankName { get; set; } |

|  |
| --- |
| VB |
| Public Property bankName As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bankName {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bankName : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.bid Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.dateOfPay Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DateTime dateOfPay { get; set; } |

|  |
| --- |
| VB |
| Public Property dateOfPay As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: property DateTime dateOfPay {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| member dateOfPay : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.head Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int head { get; set; } |

|  |
| --- |
| VB |
| Public Property head As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int head {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member head : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.PaymentType Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual PaymentType PaymentType { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property PaymentType As PaymentType  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property PaymentType^ PaymentType {  PaymentType^ get ();  void set (PaymentType^ value); } |

|  |
| --- |
| F# |
| abstract PaymentType : PaymentType with get, set override PaymentType : PaymentType with get, set |

#### Property Value

Type: [PaymentType](#_32345509_Topic)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.paymentTypeId Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int paymentTypeId { get; set; } |

|  |
| --- |
| VB |
| Public Property paymentTypeId As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int paymentTypeId {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member paymentTypeId : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.receipt Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string receipt { get; set; } |

|  |
| --- |
| VB |
| Public Property receipt As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ receipt {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member receipt : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.Student Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Student Student { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Student As Student  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Student^ Student {  Student^ get ();  void set (Student^ value); } |

|  |
| --- |
| F# |
| abstract Student : Student with get, set override Student : Student with get, set |

#### Property Value

Type: [Student](#_87A9E4A8_Topic)

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.year Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> year {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member year : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelTransaction.HostelTransaction Methods

The [HostelTransaction](#_575D3EA5_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelTransaction Class](#_575D3EA5_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.MessBill

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MessBill |

|  |
| --- |
| VB |
| Public Class MessBill |

|  |
| --- |
| C++ |
| public ref class MessBill |

|  |
| --- |
| F# |
| type MessBill = class end |

The **MessBill** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessBill](#_5EAF6AF4_Topic) | Initializes a new instance of the **MessBill** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_F85A9970_Topic) |  |
| Public property | [billNum](#_1C1528F_Topic) |  |
| Public property | [dateOfDeclaration](#_448FCF0_Topic) |  |
| Public property | [MessTransactions](#_D5767FD4_Topic) |  |
| Public property | [month](#_AEA9317E_Topic) |  |
| Public property | [numDays](#_1424FB75_Topic) |  |
| Public property | [Student](#_FDD9FEA9_Topic) |  |
| Public property | [year](#_DAB28646_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill Constructor

Initializes a new instance of the [MessBill](#_F0274262_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessBill() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MessBill() |

|  |
| --- |
| F# |
| new : unit -> MessBill |

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.MessBill Properties

The [MessBill](#_F0274262_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_F85A9970_Topic) |  |
| Public property | [billNum](#_1C1528F_Topic) |  |
| Public property | [dateOfDeclaration](#_448FCF0_Topic) |  |
| Public property | [MessTransactions](#_D5767FD4_Topic) |  |
| Public property | [month](#_AEA9317E_Topic) |  |
| Public property | [numDays](#_1424FB75_Topic) |  |
| Public property | [Student](#_FDD9FEA9_Topic) |  |
| Public property | [year](#_DAB28646_Topic) |  |

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.bid Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.billNum Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public long billNum { get; set; } |

|  |
| --- |
| VB |
| Public Property billNum As Long  Get  Set |

|  |
| --- |
| C++ |
| public: property long long billNum {  long long get ();  void set (long long value); } |

|  |
| --- |
| F# |
| member billNum : int64 with get, set |

#### Property Value

Type: [Int64](http://msdn2.microsoft.com/en-us/library/6yy583ek)

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.dateOfDeclaration Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DateTime dateOfDeclaration { get; set; } |

|  |
| --- |
| VB |
| Public Property dateOfDeclaration As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: property DateTime dateOfDeclaration {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| member dateOfDeclaration : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.MessTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<MessTransaction> MessTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessTransactions As ICollection(Of MessTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<MessTransaction^>^ MessTransactions {  ICollection<MessTransaction^>^ get ();  void set (ICollection<MessTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract MessTransactions : ICollection<MessTransaction> with get, set override MessTransactions : ICollection<MessTransaction> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([MessTransaction](#_9A040EC4_Topic))

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.month Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int month { get; set; } |

|  |
| --- |
| VB |
| Public Property month As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int month {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member month : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.numDays Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int numDays { get; set; } |

|  |
| --- |
| VB |
| Public Property numDays As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int numDays {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member numDays : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.Student Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Student Student { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Student As Student  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Student^ Student {  Student^ get ();  void set (Student^ value); } |

|  |
| --- |
| F# |
| abstract Student : Student with get, set override Student : Student with get, set |

#### Property Value

Type: [Student](#_87A9E4A8_Topic)

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.year Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> year {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member year : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessBill.MessBill Methods

The [MessBill](#_F0274262_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[MessBill Class](#_F0274262_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.MessTransaction

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MessTransaction |

|  |
| --- |
| VB |
| Public Class MessTransaction |

|  |
| --- |
| C++ |
| public ref class MessTransaction |

|  |
| --- |
| F# |
| type MessTransaction = class end |

The **MessTransaction** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessTransaction](#_70401AA9_Topic) | Initializes a new instance of the **MessTransaction** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [amount](#_2A7002EC_Topic) |  |
| Public property | [bankName](#_AE6BA4C_Topic) |  |
| Public property | [bid](#_70BECFF3_Topic) |  |
| Public property | [billNum](#_99EA1450_Topic) |  |
| Public property | [dateOfPay](#_5E89FDCD_Topic) |  |
| Public property | [id](#_A9D6171A_Topic) |  |
| Public property | [MessBill](#_73509F13_Topic) |  |
| Public property | [PaymentType](#_124371BB_Topic) |  |
| Public property | [paymentTypeId](#_3284F6CA_Topic) |  |
| Public property | [receipt](#_40EE4796_Topic) |  |
| Public property | [Student](#_EF395834_Topic) |  |
| Public property | [year](#_BC2FB2D7_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction Constructor

Initializes a new instance of the [MessTransaction](#_9A040EC4_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessTransaction() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MessTransaction() |

|  |
| --- |
| F# |
| new : unit -> MessTransaction |

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.MessTransaction Properties

The [MessTransaction](#_9A040EC4_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [amount](#_2A7002EC_Topic) |  |
| Public property | [bankName](#_AE6BA4C_Topic) |  |
| Public property | [bid](#_70BECFF3_Topic) |  |
| Public property | [billNum](#_99EA1450_Topic) |  |
| Public property | [dateOfPay](#_5E89FDCD_Topic) |  |
| Public property | [id](#_A9D6171A_Topic) |  |
| Public property | [MessBill](#_73509F13_Topic) |  |
| Public property | [PaymentType](#_124371BB_Topic) |  |
| Public property | [paymentTypeId](#_3284F6CA_Topic) |  |
| Public property | [receipt](#_40EE4796_Topic) |  |
| Public property | [Student](#_EF395834_Topic) |  |
| Public property | [year](#_BC2FB2D7_Topic) |  |

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.amount Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<decimal> amount { get; set; } |

|  |
| --- |
| VB |
| Public Property amount As Nullable(Of Decimal)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<Decimal> amount {  Nullable<Decimal> get ();  void set (Nullable<Decimal> value); } |

|  |
| --- |
| F# |
| member amount : Nullable<decimal> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx))

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.bankName Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bankName { get; set; } |

|  |
| --- |
| VB |
| Public Property bankName As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bankName {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bankName : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.bid Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.billNum Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public long billNum { get; set; } |

|  |
| --- |
| VB |
| Public Property billNum As Long  Get  Set |

|  |
| --- |
| C++ |
| public: property long long billNum {  long long get ();  void set (long long value); } |

|  |
| --- |
| F# |
| member billNum : int64 with get, set |

#### Property Value

Type: [Int64](http://msdn2.microsoft.com/en-us/library/6yy583ek)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.dateOfPay Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DateTime dateOfPay { get; set; } |

|  |
| --- |
| VB |
| Public Property dateOfPay As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: property DateTime dateOfPay {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| member dateOfPay : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal id {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member id : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.MessBill Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual MessBill MessBill { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessBill As MessBill  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property MessBill^ MessBill {  MessBill^ get ();  void set (MessBill^ value); } |

|  |
| --- |
| F# |
| abstract MessBill : MessBill with get, set override MessBill : MessBill with get, set |

#### Property Value

Type: [MessBill](#_F0274262_Topic)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.PaymentType Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual PaymentType PaymentType { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property PaymentType As PaymentType  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property PaymentType^ PaymentType {  PaymentType^ get ();  void set (PaymentType^ value); } |

|  |
| --- |
| F# |
| abstract PaymentType : PaymentType with get, set override PaymentType : PaymentType with get, set |

#### Property Value

Type: [PaymentType](#_32345509_Topic)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.paymentTypeId Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int paymentTypeId { get; set; } |

|  |
| --- |
| VB |
| Public Property paymentTypeId As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int paymentTypeId {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member paymentTypeId : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.receipt Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string receipt { get; set; } |

|  |
| --- |
| VB |
| Public Property receipt As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ receipt {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member receipt : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.Student Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Student Student { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Student As Student  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Student^ Student {  Student^ get ();  void set (Student^ value); } |

|  |
| --- |
| F# |
| abstract Student : Student with get, set override Student : Student with get, set |

#### Property Value

Type: [Student](#_87A9E4A8_Topic)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.year Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# MessTransaction.MessTransaction Methods

The [MessTransaction](#_9A040EC4_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[MessTransaction Class](#_9A040EC4_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.PaymentType

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class PaymentType |

|  |
| --- |
| VB |
| Public Class PaymentType |

|  |
| --- |
| C++ |
| public ref class PaymentType |

|  |
| --- |
| F# |
| type PaymentType = class end |

The **PaymentType** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [PaymentType](#_2AE74E3B_Topic) | Initializes a new instance of the **PaymentType** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [HostelTransactions](#_AB0F75A1_Topic) |  |
| Public property | [id](#_C0B00F50_Topic) |  |
| Public property | [MessTransactions](#_D5D3DB88_Topic) |  |
| Public property | [val](#_2874DD59_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType Constructor

Initializes a new instance of the [PaymentType](#_32345509_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public PaymentType() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: PaymentType() |

|  |
| --- |
| F# |
| new : unit -> PaymentType |

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType.PaymentType Properties

The [PaymentType](#_32345509_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [HostelTransactions](#_AB0F75A1_Topic) |  |
| Public property | [id](#_C0B00F50_Topic) |  |
| Public property | [MessTransactions](#_D5D3DB88_Topic) |  |
| Public property | [val](#_2874DD59_Topic) |  |

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType.HostelTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<HostelTransaction> HostelTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelTransactions As ICollection(Of HostelTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<HostelTransaction^>^ HostelTransactions {  ICollection<HostelTransaction^>^ get ();  void set (ICollection<HostelTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelTransactions : ICollection<HostelTransaction> with get, set override HostelTransactions : ICollection<HostelTransaction> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([HostelTransaction](#_575D3EA5_Topic))

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType.MessTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<MessTransaction> MessTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessTransactions As ICollection(Of MessTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<MessTransaction^>^ MessTransactions {  ICollection<MessTransaction^>^ get ();  void set (ICollection<MessTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract MessTransactions : ICollection<MessTransaction> with get, set override MessTransactions : ICollection<MessTransaction> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([MessTransaction](#_9A040EC4_Topic))

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ val {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member val : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# PaymentType.PaymentType Methods

The [PaymentType](#_32345509_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[PaymentType Class](#_32345509_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper Class

A class with the Business Logic that is used for report generation

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.ReportHelper

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class ReportHelper |

|  |
| --- |
| VB |
| Public Class ReportHelper |

|  |
| --- |
| C++ |
| public ref class ReportHelper |

|  |
| --- |
| F# |
| type ReportHelper = class end |

The **ReportHelper** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ReportHelper](#_D0FBAAA5_Topic) | Initializes a new instance of the **ReportHelper** class |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ExtractValidRanges](#_E6D9BE8F_Topic) | Method to extact only valid BID ranges from a set of BID ranges |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateExcel](#_151A04D_Topic) | Method to generate the excel file |
| Public method | [GetAllTransactions](#_805E7ED1_Topic) | Method to get all the transactions |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetTransactionsByAccountHead](#_F452B5D5_Topic) | Method to get all transactions by the account head |
| Public method | [GetTransactionsByAmountRange](#_E7C6F365_Topic) | Method to get all transactions by amount range |
| Private method | [GetTransactionsByBidList](#_1538CFBD_Topic) | Helper method to get all transactions for a set of students |
| Public method | [GetTransactionsByCourse](#_DAB9EEA7_Topic) | Method to get all transactions by course |
| Public method | [GetTransactionsByDateRange](#_3B4E6DB5_Topic) | Method to get all transactions by date range |
| Public method | [GetTransactionsByGender](#_6AADB994_Topic) | Method to get all transactions by gender |
| Public method | [GetTransactionsByPaymentType](#_C82DA2CE_Topic) | Method to get all transactions based on payment type |
| Public method | [GetTransactionsBySem](#_13E4E9E5_Topic) | Method to get all transactions by semester |
| Public method | [GetTransactionsByStudentRange](#_477A9A60_Topic) | Method to get all transactions by BID range |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper Constructor

Initializes a new instance of the [ReportHelper](#_77A690E2_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ReportHelper() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: ReportHelper() |

|  |
| --- |
| F# |
| new : unit -> ReportHelper |

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.ReportHelper Methods

The [ReportHelper](#_77A690E2_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ExtractValidRanges](#_E6D9BE8F_Topic) | Method to extact only valid BID ranges from a set of BID ranges |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateExcel](#_151A04D_Topic) | Method to generate the excel file |
| Public method | [GetAllTransactions](#_805E7ED1_Topic) | Method to get all the transactions |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetTransactionsByAccountHead](#_F452B5D5_Topic) | Method to get all transactions by the account head |
| Public method | [GetTransactionsByAmountRange](#_E7C6F365_Topic) | Method to get all transactions by amount range |
| Private method | [GetTransactionsByBidList](#_1538CFBD_Topic) | Helper method to get all transactions for a set of students |
| Public method | [GetTransactionsByCourse](#_DAB9EEA7_Topic) | Method to get all transactions by course |
| Public method | [GetTransactionsByDateRange](#_3B4E6DB5_Topic) | Method to get all transactions by date range |
| Public method | [GetTransactionsByGender](#_6AADB994_Topic) | Method to get all transactions by gender |
| Public method | [GetTransactionsByPaymentType](#_C82DA2CE_Topic) | Method to get all transactions based on payment type |
| Public method | [GetTransactionsBySem](#_13E4E9E5_Topic) | Method to get all transactions by semester |
| Public method | [GetTransactionsByStudentRange](#_477A9A60_Topic) | Method to get all transactions by BID range |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.ExtractValidRanges Method

Method to extact only valid BID ranges from a set of BID ranges

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public void ExtractValidRanges(  string[] startBID,  string[] endBID,  out List<string> startStudents,  out List<string> endStudents ) |

|  |
| --- |
| VB |
| Public Sub ExtractValidRanges (   startBID As String(),  endBID As String(),  <OutAttribute> ByRef startStudents As List(Of String),  <OutAttribute> ByRef endStudents As List(Of String) ) |

|  |
| --- |
| C++ |
| public: void ExtractValidRanges(  array<String^>^ startBID,   array<String^>^ endBID,   [OutAttribute] List<String^>^% startStudents,   [OutAttribute] List<String^>^% endStudents ) |

|  |
| --- |
| F# |
| member ExtractValidRanges :   startBID : string[] \*   endBID : string[] \*   startStudents : List<string> byref \*   endStudents : List<string> byref -> unit |

#### Parameters

startBID

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)[]

an array containing the start values for BID

endBID

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)[]

an array containing the end values for BID

startStudents

Type: [System.Collections.Generic.List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf))

an array conataining only valid start values

endStudents

Type: [System.Collections.Generic.List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf))

an anrray containing only valid end values

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GenerateExcel Method

Method to generate the excel file

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MemoryStream GenerateExcel(  List<TransactionsViewModel> viewModel ) |

|  |
| --- |
| VB |
| Public Function GenerateExcel (   viewModel As List(Of TransactionsViewModel) ) As MemoryStream |

|  |
| --- |
| C++ |
| public: MemoryStream^ GenerateExcel(  List<TransactionsViewModel^>^ viewModel ) |

|  |
| --- |
| F# |
| member GenerateExcel :   viewModel : List<TransactionsViewModel> -> MemoryStream |

#### Parameters

viewModel

Type: [System.Collections.Generic.List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))

a list of the transactions

#### Return Value

Type: [MemoryStream](http://msdn2.microsoft.com/en-us/library/9a84386f)  
the generated excel file saved as a memory stream

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetAllTransactions Method

Method to get all the transactions

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetAllTransactions() |

|  |
| --- |
| VB |
| Public Function GetAllTransactions As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetAllTransactions() |

|  |
| --- |
| F# |
| member GetAllTransactions : unit -> List<TransactionsViewModel> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
all the transactions

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByAccountHead Method

Method to get all transactions by the account head

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByAccountHead(  int accountHead ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByAccountHead (   accountHead As Integer ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByAccountHead(  int accountHead ) |

|  |
| --- |
| F# |
| member GetTransactionsByAccountHead :   accountHead : int -> List<TransactionsViewModel> |

#### Parameters

accountHead

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID corresponding to the account head

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all the transactions that satisfy the criteria

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByAmountRange Method

Method to get all transactions by amount range

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByAmountRange(  decimal startAmt,  decimal endAmt ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByAmountRange (   startAmt As Decimal,  endAmt As Decimal ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByAmountRange(  Decimal startAmt,   Decimal endAmt ) |

|  |
| --- |
| F# |
| member GetTransactionsByAmountRange :   startAmt : decimal \*   endAmt : decimal -> List<TransactionsViewModel> |

#### Parameters

startAmt

Type: [System.Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

the minimum amount

endAmt

Type: [System.Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

the maximum amount

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all transactions in the given range

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByBidList Method

Helper method to get all transactions for a set of students

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| private List<TransactionsViewModel> GetTransactionsByBidList(  List<string> bidList ) |

|  |
| --- |
| VB |
| Private Function GetTransactionsByBidList (   bidList As List(Of String) ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| private: List<TransactionsViewModel^>^ GetTransactionsByBidList(  List<String^>^ bidList ) |

|  |
| --- |
| F# |
| private member GetTransactionsByBidList :   bidList : List<string> -> List<TransactionsViewModel> |

#### Parameters

bidList

Type: [System.Collections.Generic.List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf))

a list containing the valid BID of the students

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all the transactions that statisfy the criteria

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByCourse Method

Method to get all transactions by course

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByCourse(  int course ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByCourse (   course As Integer ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByCourse(  int course ) |

|  |
| --- |
| F# |
| member GetTransactionsByCourse :   course : int -> List<TransactionsViewModel> |

#### Parameters

course

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID corresponding to the course

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all the transactions that statisfy the criteria

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByDateRange Method

Method to get all transactions by date range

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByDateRange(  DateTime startDate,  DateTime endDate ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByDateRange (   startDate As DateTime,  endDate As DateTime ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByDateRange(  DateTime startDate,   DateTime endDate ) |

|  |
| --- |
| F# |
| member GetTransactionsByDateRange :   startDate : DateTime \*   endDate : DateTime -> List<TransactionsViewModel> |

#### Parameters

startDate

Type: [System.DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

the start date

endDate

Type: [System.DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

the end date

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all the transactions in the given range

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByGender Method

Method to get all transactions by gender

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByGender(  int gender ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByGender (   gender As Integer ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByGender(  int gender ) |

|  |
| --- |
| F# |
| member GetTransactionsByGender :   gender : int -> List<TransactionsViewModel> |

#### Parameters

gender

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID corresponding ot the gender

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all transactions that satisfy the criteria

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByPaymentType Method

Method to get all transactions based on payment type

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByPaymentType(  int value ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByPaymentType (   value As Integer ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByPaymentType(  int value ) |

|  |
| --- |
| F# |
| member GetTransactionsByPaymentType :   value : int -> List<TransactionsViewModel> |

#### Parameters

value

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID corresponding to the payment type

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all the transactions that satisfy the criteria

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsBySem Method

Method to get all transactions by semester

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsBySem(  int sem ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsBySem (   sem As Integer ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsBySem(  int sem ) |

|  |
| --- |
| F# |
| member GetTransactionsBySem :   sem : int -> List<TransactionsViewModel> |

#### Parameters

sem

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the semester

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of all the transactions that statisfy the criteria

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# ReportHelper.GetTransactionsByStudentRange Method

Method to get all transactions by BID range

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetTransactionsByStudentRange(  List<string> startStudents,  List<string> endStudents ) |

|  |
| --- |
| VB |
| Public Function GetTransactionsByStudentRange (   startStudents As List(Of String),  endStudents As List(Of String) ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetTransactionsByStudentRange(  List<String^>^ startStudents,   List<String^>^ endStudents ) |

|  |
| --- |
| F# |
| member GetTransactionsByStudentRange :   startStudents : List<string> \*   endStudents : List<string> -> List<TransactionsViewModel> |

#### Parameters

startStudents

Type: [System.Collections.Generic.List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf))

a list contatining the start student

endStudents

Type: [System.Collections.Generic.List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf))

a list containing the end student

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
All transactions made by the students in the BID range

## See Also

[ReportHelper Class](#_77A690E2_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Room

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Room |

|  |
| --- |
| VB |
| Public Class Room |

|  |
| --- |
| C++ |
| public ref class Room |

|  |
| --- |
| F# |
| type Room = class end |

The **Room** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Room](#_E6DEA4D3_Topic) | Initializes a new instance of the **Room** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Allotments](#_27AF772D_Topic) |  |
| Public property | [currentOccupancy](#_8F9F4A71_Topic) |  |
| Public property | [Hostel](#_C07DC51_Topic) |  |
| Public property | [hostelBlockNumber](#_B35AB9A0_Topic) |  |
| Public property | [maxOccupancy](#_C0D26F5B_Topic) |  |
| Public property | [roomNumber](#_5C8482CA_Topic) |  |
| Public property | [roomType](#_CB223171_Topic) |  |
| Public property | [RoomType1](#_52CE087A_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room Constructor

Initializes a new instance of the [Room](#_691C606E_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Room() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Room() |

|  |
| --- |
| F# |
| new : unit -> Room |

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.Room Properties

The [Room](#_691C606E_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Allotments](#_27AF772D_Topic) |  |
| Public property | [currentOccupancy](#_8F9F4A71_Topic) |  |
| Public property | [Hostel](#_C07DC51_Topic) |  |
| Public property | [hostelBlockNumber](#_B35AB9A0_Topic) |  |
| Public property | [maxOccupancy](#_C0D26F5B_Topic) |  |
| Public property | [roomNumber](#_5C8482CA_Topic) |  |
| Public property | [roomType](#_CB223171_Topic) |  |
| Public property | [RoomType1](#_52CE087A_Topic) |  |

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.Allotments Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Allotment> Allotments { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Allotments As ICollection(Of Allotment)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Allotment^>^ Allotments {  ICollection<Allotment^>^ get ();  void set (ICollection<Allotment^>^ value); } |

|  |
| --- |
| F# |
| abstract Allotments : ICollection<Allotment> with get, set override Allotments : ICollection<Allotment> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Allotment](#_41D2B6D6_Topic))

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.currentOccupancy Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int currentOccupancy { get; set; } |

|  |
| --- |
| VB |
| Public Property currentOccupancy As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int currentOccupancy {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member currentOccupancy : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.Hostel Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Hostel Hostel { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Hostel As Hostel  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Hostel^ Hostel {  Hostel^ get ();  void set (Hostel^ value); } |

|  |
| --- |
| F# |
| abstract Hostel : Hostel with get, set override Hostel : Hostel with get, set |

#### Property Value

Type: [Hostel](#_FE3884E2_Topic)

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.hostelBlockNumber Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int hostelBlockNumber { get; set; } |

|  |
| --- |
| VB |
| Public Property hostelBlockNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int hostelBlockNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member hostelBlockNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.maxOccupancy Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int maxOccupancy { get; set; } |

|  |
| --- |
| VB |
| Public Property maxOccupancy As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int maxOccupancy {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member maxOccupancy : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.roomNumber Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int roomNumber { get; set; } |

|  |
| --- |
| VB |
| Public Property roomNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int roomNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member roomNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.roomType Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Nullable<int> roomType { get; set; } |

|  |
| --- |
| VB |
| Public Property roomType As Nullable(Of Integer)  Get  Set |

|  |
| --- |
| C++ |
| public: property Nullable<int> roomType {  Nullable<int> get ();  void set (Nullable<int> value); } |

|  |
| --- |
| F# |
| member roomType : Nullable<int> with get, set |

#### Property Value

Type: [Nullable](http://msdn2.microsoft.com/en-us/library/b3h38hb0)([Int32](http://msdn2.microsoft.com/en-us/library/td2s409d))

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.RoomType1 Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual RoomType RoomType1 { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property RoomType1 As RoomType  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property RoomType^ RoomType1 {  RoomType^ get ();  void set (RoomType^ value); } |

|  |
| --- |
| F# |
| abstract RoomType1 : RoomType with get, set override RoomType1 : RoomType with get, set |

#### Property Value

Type: [RoomType](#_57F754DD_Topic)

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Room.Room Methods

The [Room](#_691C606E_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Room Class](#_691C606E_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.RoomType

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class RoomType |

|  |
| --- |
| VB |
| Public Class RoomType |

|  |
| --- |
| C++ |
| public ref class RoomType |

|  |
| --- |
| F# |
| type RoomType = class end |

The **RoomType** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [RoomType](#_AAF11699_Topic) | Initializes a new instance of the **RoomType** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [id](#_4E54F65B_Topic) |  |
| Public property | [Rooms](#_7D14622_Topic) |  |
| Public property | [val](#_C21C1DD0_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType Constructor

Initializes a new instance of the [RoomType](#_57F754DD_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public RoomType() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: RoomType() |

|  |
| --- |
| F# |
| new : unit -> RoomType |

## See Also

[RoomType Class](#_57F754DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType.RoomType Properties

The [RoomType](#_57F754DD_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [id](#_4E54F65B_Topic) |  |
| Public property | [Rooms](#_7D14622_Topic) |  |
| Public property | [val](#_C21C1DD0_Topic) |  |

## See Also

[RoomType Class](#_57F754DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType.id Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int id {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member id : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[RoomType Class](#_57F754DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType.Rooms Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Room> Rooms { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Rooms As ICollection(Of Room)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Room^>^ Rooms {  ICollection<Room^>^ get ();  void set (ICollection<Room^>^ value); } |

|  |
| --- |
| F# |
| abstract Rooms : ICollection<Room> with get, set override Rooms : ICollection<Room> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Room](#_691C606E_Topic))

## See Also

[RoomType Class](#_57F754DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType.val Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string val { get; set; } |

|  |
| --- |
| VB |
| Public Property val As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ val {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member val : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RoomType Class](#_57F754DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# RoomType.RoomType Methods

The [RoomType](#_57F754DD_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[RoomType Class](#_57F754DD_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.Student

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Student |

|  |
| --- |
| VB |
| Public Class Student |

|  |
| --- |
| C++ |
| public ref class Student |

|  |
| --- |
| F# |
| type Student = class end |

The **Student** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Student](#_F0458739_Topic) | Initializes a new instance of the **Student** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Allotments](#_E17E180D_Topic) |  |
| Public property | [bid](#_922963BE_Topic) |  |
| Public property | [branch](#_1C64D360_Topic) |  |
| Public property | [course](#_4BB60658_Topic) |  |
| Public property | [Course1](#_3FE1BB0C_Topic) |  |
| Public property | [Department](#_1BC4D97F_Topic) |  |
| Public property | [dob](#_C199AA4C_Topic) |  |
| Public property | [gender](#_7E7B28_Topic) |  |
| Public property | [Gender1](#_D869EB5D_Topic) |  |
| Public property | [HostelBills](#_555BFC6_Topic) |  |
| Public property | [HostelTransactions](#_7C65B386_Topic) |  |
| Public property | [MessBills](#_B65137FA_Topic) |  |
| Public property | [MessTransactions](#_F30CE0D5_Topic) |  |
| Public property | [name](#_67A0D39A_Topic) |  |
| Public property | [semester](#_FA66D7FE_Topic) |  |
| Public property | [usn](#_E4C958C2_Topic) |  |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student Constructor

Initializes a new instance of the [Student](#_87A9E4A8_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Student() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Student() |

|  |
| --- |
| F# |
| new : unit -> Student |

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.Student Properties

The [Student](#_87A9E4A8_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Allotments](#_E17E180D_Topic) |  |
| Public property | [bid](#_922963BE_Topic) |  |
| Public property | [branch](#_1C64D360_Topic) |  |
| Public property | [course](#_4BB60658_Topic) |  |
| Public property | [Course1](#_3FE1BB0C_Topic) |  |
| Public property | [Department](#_1BC4D97F_Topic) |  |
| Public property | [dob](#_C199AA4C_Topic) |  |
| Public property | [gender](#_7E7B28_Topic) |  |
| Public property | [Gender1](#_D869EB5D_Topic) |  |
| Public property | [HostelBills](#_555BFC6_Topic) |  |
| Public property | [HostelTransactions](#_7C65B386_Topic) |  |
| Public property | [MessBills](#_B65137FA_Topic) |  |
| Public property | [MessTransactions](#_F30CE0D5_Topic) |  |
| Public property | [name](#_67A0D39A_Topic) |  |
| Public property | [semester](#_FA66D7FE_Topic) |  |
| Public property | [usn](#_E4C958C2_Topic) |  |

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.Allotments Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<Allotment> Allotments { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Allotments As ICollection(Of Allotment)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<Allotment^>^ Allotments {  ICollection<Allotment^>^ get ();  void set (ICollection<Allotment^>^ value); } |

|  |
| --- |
| F# |
| abstract Allotments : ICollection<Allotment> with get, set override Allotments : ICollection<Allotment> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([Allotment](#_41D2B6D6_Topic))

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.bid Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.branch Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int branch { get; set; } |

|  |
| --- |
| VB |
| Public Property branch As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int branch {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member branch : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.course Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int course { get; set; } |

|  |
| --- |
| VB |
| Public Property course As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int course {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member course : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.Course1 Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Course Course1 { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Course1 As Course  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Course^ Course1 {  Course^ get ();  void set (Course^ value); } |

|  |
| --- |
| F# |
| abstract Course1 : Course with get, set override Course1 : Course with get, set |

#### Property Value

Type: [Course](#_B845286B_Topic)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.Department Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Department Department { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Department As Department  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Department^ Department {  Department^ get ();  void set (Department^ value); } |

|  |
| --- |
| F# |
| abstract Department : Department with get, set override Department : Department with get, set |

#### Property Value

Type: [Department](#_2616D7DD_Topic)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.dob Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DateTime dob { get; set; } |

|  |
| --- |
| VB |
| Public Property dob As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: property DateTime dob {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| member dob : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.gender Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int gender { get; set; } |

|  |
| --- |
| VB |
| Public Property gender As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int gender {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member gender : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.Gender1 Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual Gender Gender1 { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property Gender1 As Gender  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property Gender^ Gender1 {  Gender^ get ();  void set (Gender^ value); } |

|  |
| --- |
| F# |
| abstract Gender1 : Gender with get, set override Gender1 : Gender with get, set |

#### Property Value

Type: [Gender](#_34A908EF_Topic)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.HostelBills Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<HostelBill> HostelBills { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelBills As ICollection(Of HostelBill)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<HostelBill^>^ HostelBills {  ICollection<HostelBill^>^ get ();  void set (ICollection<HostelBill^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelBills : ICollection<HostelBill> with get, set override HostelBills : ICollection<HostelBill> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([HostelBill](#_CE97A28F_Topic))

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.HostelTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<HostelTransaction> HostelTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property HostelTransactions As ICollection(Of HostelTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<HostelTransaction^>^ HostelTransactions {  ICollection<HostelTransaction^>^ get ();  void set (ICollection<HostelTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract HostelTransactions : ICollection<HostelTransaction> with get, set override HostelTransactions : ICollection<HostelTransaction> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([HostelTransaction](#_575D3EA5_Topic))

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.MessBills Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<MessBill> MessBills { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessBills As ICollection(Of MessBill)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<MessBill^>^ MessBills {  ICollection<MessBill^>^ get ();  void set (ICollection<MessBill^>^ value); } |

|  |
| --- |
| F# |
| abstract MessBills : ICollection<MessBill> with get, set override MessBills : ICollection<MessBill> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([MessBill](#_F0274262_Topic))

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.MessTransactions Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public virtual ICollection<MessTransaction> MessTransactions { get; set; } |

|  |
| --- |
| VB |
| Public Overridable Property MessTransactions As ICollection(Of MessTransaction)  Get  Set |

|  |
| --- |
| C++ |
| public: virtual property ICollection<MessTransaction^>^ MessTransactions {  ICollection<MessTransaction^>^ get ();  void set (ICollection<MessTransaction^>^ value); } |

|  |
| --- |
| F# |
| abstract MessTransactions : ICollection<MessTransaction> with get, set override MessTransactions : ICollection<MessTransaction> with get, set |

#### Property Value

Type: [ICollection](http://msdn2.microsoft.com/en-us/library/92t2ye13)([MessTransaction](#_9A040EC4_Topic))

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.name Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string name { get; set; } |

|  |
| --- |
| VB |
| Public Property name As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ name {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member name : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.semester Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int semester { get; set; } |

|  |
| --- |
| VB |
| Public Property semester As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int semester {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member semester : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.usn Property

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string usn { get; set; } |

|  |
| --- |
| VB |
| Public Property usn As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ usn {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member usn : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# Student.Student Methods

The [Student](#_87A9E4A8_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Student Class](#_87A9E4A8_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper Class

Class that conaains the business logic for the student activities

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.StudentHelper

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class StudentHelper |

|  |
| --- |
| VB |
| Public Class StudentHelper |

|  |
| --- |
| C++ |
| public ref class StudentHelper |

|  |
| --- |
| F# |
| type StudentHelper = class end |

The **StudentHelper** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [StudentHelper](#_82C26740_Topic) | Initializes a new instance of the **StudentHelper** class |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddAdditionalFee](#_2A496ED8_Topic) | Method to add additional fee for a student |
| Public method | [AddStudent](#_7D7D3CA8_Topic) | Method to add a student to the database |
| Public method | [CanChangeRoom](#_D3186692_Topic) | Method to determine wheater a student can change his/her current room |
| Public method | [CanRemoveStudent](#_8244794E_Topic) | Method to check if a student can be removed from the hostel |
| Public method | [ConstructViewModelForAlloment](#_398AB150_Topic) | Method to construct the form to change allotment |
| Public method | [ConstructViewModelForRemoveStudent](#_731DAD12_Topic) | Method to construct the form to remove a student |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Private method | [GenerateBid](#_8D8719A9_Topic) | Method to generate a unique border ID |
| Public method | [GetAvailableRoomsInHostel](#_E12E7FB0_Topic) | Method to get all the available rooms in the hostel |
| Public method | [GetCourses](#_A08900E3_Topic) | Method to get list of courses |
| Public method | [GetDepartments](#_E71F5F3_Topic) | Method to get list of departments |
| Public method | [GetDepositRefund](#_2DA5EF07_Topic) | Method to get the amount of deposit that can refunded |
| Public method | [GetFeeBreakup](#_CA4E537E_Topic) | Method to get the fee breakup for a room |
| Public method | [GetGenders](#_2DDA0BBD_Topic) | Method to get list of genders |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHostelsForStudent](#_79B9AABF_Topic) | Method to determine the hostels that a student can stay in |
| Public method | [GetRoomsIncludingCurrent](#_1F176610_Topic) | Method to get all the rooms that a student can stay in including his current room |
| Public method | [GetRoomType](#_B846DBDD_Topic) | Method to get the type of room |
| Public method | [GetRoomTypes](#_599619A1_Topic) | Method to get all the room types |
| Public method | [GetStudent](#_797A6DD0_Topic) | Method to get the student, given the BID |
| Public method | [GetStudentDetails](#_35CAE3DF_Topic) | Method to get the details of a student |
| Public method | [GetStudentListForAutoComplete](#_68D4D1B1_Topic) | Method to a get the list of students for autocomplete |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [IsUsnRequired](#_D27C9775_Topic) | Method to determine wheater the user should enter a USN |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [PerformRemoveStudent](#_9945AD6_Topic) | Method to remove a student from the hostel |
| Public method | [PerformRoomChange](#_AE729DDE_Topic) | Method to change the allotment for a student |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper Constructor

Initializes a new instance of the [StudentHelper](#_D74F0F5C_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public StudentHelper() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: StudentHelper() |

|  |
| --- |
| F# |
| new : unit -> StudentHelper |

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.StudentHelper Methods

The [StudentHelper](#_D74F0F5C_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddAdditionalFee](#_2A496ED8_Topic) | Method to add additional fee for a student |
| Public method | [AddStudent](#_7D7D3CA8_Topic) | Method to add a student to the database |
| Public method | [CanChangeRoom](#_D3186692_Topic) | Method to determine wheater a student can change his/her current room |
| Public method | [CanRemoveStudent](#_8244794E_Topic) | Method to check if a student can be removed from the hostel |
| Public method | [ConstructViewModelForAlloment](#_398AB150_Topic) | Method to construct the form to change allotment |
| Public method | [ConstructViewModelForRemoveStudent](#_731DAD12_Topic) | Method to construct the form to remove a student |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Private method | [GenerateBid](#_8D8719A9_Topic) | Method to generate a unique border ID |
| Public method | [GetAvailableRoomsInHostel](#_E12E7FB0_Topic) | Method to get all the available rooms in the hostel |
| Public method | [GetCourses](#_A08900E3_Topic) | Method to get list of courses |
| Public method | [GetDepartments](#_E71F5F3_Topic) | Method to get list of departments |
| Public method | [GetDepositRefund](#_2DA5EF07_Topic) | Method to get the amount of deposit that can refunded |
| Public method | [GetFeeBreakup](#_CA4E537E_Topic) | Method to get the fee breakup for a room |
| Public method | [GetGenders](#_2DDA0BBD_Topic) | Method to get list of genders |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHostelsForStudent](#_79B9AABF_Topic) | Method to determine the hostels that a student can stay in |
| Public method | [GetRoomsIncludingCurrent](#_1F176610_Topic) | Method to get all the rooms that a student can stay in including his current room |
| Public method | [GetRoomType](#_B846DBDD_Topic) | Method to get the type of room |
| Public method | [GetRoomTypes](#_599619A1_Topic) | Method to get all the room types |
| Public method | [GetStudent](#_797A6DD0_Topic) | Method to get the student, given the BID |
| Public method | [GetStudentDetails](#_35CAE3DF_Topic) | Method to get the details of a student |
| Public method | [GetStudentListForAutoComplete](#_68D4D1B1_Topic) | Method to a get the list of students for autocomplete |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [IsUsnRequired](#_D27C9775_Topic) | Method to determine wheater the user should enter a USN |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [PerformRemoveStudent](#_9945AD6_Topic) | Method to remove a student from the hostel |
| Public method | [PerformRoomChange](#_AE729DDE_Topic) | Method to change the allotment for a student |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.AddAdditionalFee Method

Method to add additional fee for a student

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string AddAdditionalFee(  AddAdditionalFeeViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function AddAdditionalFee (   userInput As AddAdditionalFeeViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ AddAdditionalFee(  AddAdditionalFeeViewModel^ userInput ) |

|  |
| --- |
| F# |
| member AddAdditionalFee :   userInput : AddAdditionalFeeViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.AddAdditionalFeeViewModel](#_60F7058A_Topic)

the form that the user has filled

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
the result

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.AddStudent Method

Method to add a student to the database

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Student AddStudent(  StudentViewModel studentDetails,  out string error ) |

|  |
| --- |
| VB |
| Public Function AddStudent (   studentDetails As StudentViewModel,  <OutAttribute> ByRef error As String ) As Student |

|  |
| --- |
| C++ |
| public: Student^ AddStudent(  StudentViewModel^ studentDetails,   [OutAttribute] String^% error ) |

|  |
| --- |
| F# |
| member AddStudent :   studentDetails : StudentViewModel \*   error : string byref -> Student |

#### Parameters

studentDetails

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentViewModel](#_4E517C84_Topic)

the student details

error

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

#### Return Value

Type: [Student](#_87A9E4A8_Topic)

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.CanChangeRoom Method

Method to determine wheater a student can change his/her current room

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanChangeRoom(  string bid,  out string error ) |

|  |
| --- |
| VB |
| Public Function CanChangeRoom (   bid As String,  <OutAttribute> ByRef error As String ) As Boolean |

|  |
| --- |
| C++ |
| public: bool CanChangeRoom(  String^ bid,   [OutAttribute] String^% error ) |

|  |
| --- |
| F# |
| member CanChangeRoom :   bid : string \*   error : string byref -> bool |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

error

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

out, an error message

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true, if the student can change room, false, otherwise

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.CanRemoveStudent Method

Method to check if a student can be removed from the hostel

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanRemoveStudent(  string bid,  out string error ) |

|  |
| --- |
| VB |
| Public Function CanRemoveStudent (   bid As String,  <OutAttribute> ByRef error As String ) As Boolean |

|  |
| --- |
| C++ |
| public: bool CanRemoveStudent(  String^ bid,   [OutAttribute] String^% error ) |

|  |
| --- |
| F# |
| member CanRemoveStudent :   bid : string \*   error : string byref -> bool |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

error

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the error message

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true, if the student can be removed false otherwise

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.ConstructViewModelForAlloment Method

Method to construct the form to change allotment

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<AllotmentDisplayViewModel> ConstructViewModelForAlloment(  Student student ) |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForAlloment (   student As Student ) As List(Of AllotmentDisplayViewModel) |

|  |
| --- |
| C++ |
| public: List<AllotmentDisplayViewModel^>^ ConstructViewModelForAlloment(  Student^ student ) |

|  |
| --- |
| F# |
| member ConstructViewModelForAlloment :   student : Student -> List<AllotmentDisplayViewModel> |

#### Parameters

student

Type: [BusinessLayer.Student](#_87A9E4A8_Topic)

the student

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([AllotmentDisplayViewModel](#_6BCA283_Topic))  
the form

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.ConstructViewModelForRemoveStudent Method

Method to construct the form to remove a student

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public RemoveStudentViewModel ConstructViewModelForRemoveStudent(  string bid ) |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForRemoveStudent (   bid As String ) As RemoveStudentViewModel |

|  |
| --- |
| C++ |
| public: RemoveStudentViewModel^ ConstructViewModelForRemoveStudent(  String^ bid ) |

|  |
| --- |
| F# |
| member ConstructViewModelForRemoveStudent :   bid : string -> RemoveStudentViewModel |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

#### Return Value

Type: [RemoveStudentViewModel](#_458C49C4_Topic)  
the form

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GenerateBid Method

Method to generate a unique border ID

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| private string GenerateBid(  int department,  int year ) |

|  |
| --- |
| VB |
| Private Function GenerateBid (   department As Integer,  year As Integer ) As String |

|  |
| --- |
| C++ |
| private: String^ GenerateBid(  int department,   int year ) |

|  |
| --- |
| F# |
| private member GenerateBid :   department : int \*   year : int -> string |

#### Parameters

department

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the department to which the student belongs to

year

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the year of admission

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
the unique border ID

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetAvailableRoomsInHostel Method

Method to get all the available rooms in the hostel

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<Room> GetAvailableRoomsInHostel(  int hostel ) |

|  |
| --- |
| VB |
| Public Function GetAvailableRoomsInHostel (   hostel As Integer ) As List(Of Room) |

|  |
| --- |
| C++ |
| public: List<Room^>^ GetAvailableRoomsInHostel(  int hostel ) |

|  |
| --- |
| F# |
| member GetAvailableRoomsInHostel :   hostel : int -> List<Room> |

#### Parameters

hostel

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the hostel ID

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Room](#_691C606E_Topic))  
a list of rooms

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetCourses Method

Method to get list of courses

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<Course> GetCourses() |

|  |
| --- |
| VB |
| Public Function GetCourses As List(Of Course) |

|  |
| --- |
| C++ |
| public: List<Course^>^ GetCourses() |

|  |
| --- |
| F# |
| member GetCourses : unit -> List<Course> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Course](#_B845286B_Topic))  
list of courses

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetDepartments Method

Method to get list of departments

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<Department> GetDepartments() |

|  |
| --- |
| VB |
| Public Function GetDepartments As List(Of Department) |

|  |
| --- |
| C++ |
| public: List<Department^>^ GetDepartments() |

|  |
| --- |
| F# |
| member GetDepartments : unit -> List<Department> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Department](#_2616D7DD_Topic))  
list of departments

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetDepositRefund Method

Method to get the amount of deposit that can refunded

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal GetDepositRefund(  string bid ) |

|  |
| --- |
| VB |
| Public Function GetDepositRefund (   bid As String ) As Decimal |

|  |
| --- |
| C++ |
| public: Decimal GetDepositRefund(  String^ bid ) |

|  |
| --- |
| F# |
| member GetDepositRefund :   bid : string -> decimal |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

#### Return Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)  
the deposit that can be refunded

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetFeeBreakup Method

Method to get the fee breakup for a room

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<decimal> GetFeeBreakup(  string gender,  string roomType ) |

|  |
| --- |
| VB |
| Public Function GetFeeBreakup (   gender As String,  roomType As String ) As List(Of Decimal) |

|  |
| --- |
| C++ |
| public: List<Decimal>^ GetFeeBreakup(  String^ gender,   String^ roomType ) |

|  |
| --- |
| F# |
| member GetFeeBreakup :   gender : string \*   roomType : string -> List<decimal> |

#### Parameters

gender

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students' gender (used to determine the hostel)

roomType

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the type of the room

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx))  
a list of charges (dailymess, rent, fixed charges, deposit)

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetGenders Method

Method to get list of genders

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<Gender> GetGenders() |

|  |
| --- |
| VB |
| Public Function GetGenders As List(Of Gender) |

|  |
| --- |
| C++ |
| public: List<Gender^>^ GetGenders() |

|  |
| --- |
| F# |
| member GetGenders : unit -> List<Gender> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Gender](#_34A908EF_Topic))  
list of genders

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetHostelsForStudent Method

Method to determine the hostels that a student can stay in

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<Hostel> GetHostelsForStudent(  string gender ) |

|  |
| --- |
| VB |
| Public Function GetHostelsForStudent (   gender As String ) As List(Of Hostel) |

|  |
| --- |
| C++ |
| public: List<Hostel^>^ GetHostelsForStudent(  String^ gender ) |

|  |
| --- |
| F# |
| member GetHostelsForStudent :   gender : string -> List<Hostel> |

#### Parameters

gender

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students gender

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Hostel](#_FE3884E2_Topic))  
a list of hostels

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetRoomsIncludingCurrent Method

Method to get all the rooms that a student can stay in including his current room

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<Room> GetRoomsIncludingCurrent(  string bid ) |

|  |
| --- |
| VB |
| Public Function GetRoomsIncludingCurrent (   bid As String ) As List(Of Room) |

|  |
| --- |
| C++ |
| public: List<Room^>^ GetRoomsIncludingCurrent(  String^ bid ) |

|  |
| --- |
| F# |
| member GetRoomsIncludingCurrent :   bid : string -> List<Room> |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([Room](#_691C606E_Topic))  
a list of rooms

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetRoomType Method

Method to get the type of room

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string GetRoomType(  int hostel,  int roomNumber ) |

|  |
| --- |
| VB |
| Public Function GetRoomType (   hostel As Integer,  roomNumber As Integer ) As String |

|  |
| --- |
| C++ |
| public: String^ GetRoomType(  int hostel,   int roomNumber ) |

|  |
| --- |
| F# |
| member GetRoomType :   hostel : int \*   roomNumber : int -> string |

#### Parameters

hostel

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID of the hostel

roomNumber

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the room number

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
the room type

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetRoomTypes Method

Method to get all the room types

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<RoomType> GetRoomTypes() |

|  |
| --- |
| VB |
| Public Function GetRoomTypes As List(Of RoomType) |

|  |
| --- |
| C++ |
| public: List<RoomType^>^ GetRoomTypes() |

|  |
| --- |
| F# |
| member GetRoomTypes : unit -> List<RoomType> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([RoomType](#_57F754DD_Topic))  
a list of the room type

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetStudent Method

Method to get the student, given the BID

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Student GetStudent(  string bid,  bool archive = false ) |

|  |
| --- |
| VB |
| Public Function GetStudent (   bid As String,  Optional archive As Boolean = false ) As Student |

|  |
| --- |
| C++ |
| public: Student^ GetStudent(  String^ bid,   bool archive = false ) |

|  |
| --- |
| F# |
| member GetStudent :   bid : string \*   ?archive : bool  (\* Defaults:  let\_archive = defaultArg archive false \*) -> Student |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

archive (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if the student is in the archive false otherwise

#### Return Value

Type: [Student](#_87A9E4A8_Topic)  
the student

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetStudentDetails Method

Method to get the details of a student

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DisplayStudentViewModel GetStudentDetails(  string bid,  out string error,  bool archive = false ) |

|  |
| --- |
| VB |
| Public Function GetStudentDetails (   bid As String,  <OutAttribute> ByRef error As String,  Optional archive As Boolean = false ) As DisplayStudentViewModel |

|  |
| --- |
| C++ |
| public: DisplayStudentViewModel^ GetStudentDetails(  String^ bid,   [OutAttribute] String^% error,   bool archive = false ) |

|  |
| --- |
| F# |
| member GetStudentDetails :   bid : string \*   error : string byref \*   ?archive : bool  (\* Defaults:  let\_archive = defaultArg archive false \*) -> DisplayStudentViewModel |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

error

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

out, an error message

archive (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if the student is in the archive false otherwise

#### Return Value

Type: [DisplayStudentViewModel](#_A0AFFCB5_Topic)  
the details of the student

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.GetStudentListForAutoComplete Method

Method to a get the list of students for autocomplete

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<AutoCompleteViewModel> GetStudentListForAutoComplete(  string incompleteName ) |

|  |
| --- |
| VB |
| Public Function GetStudentListForAutoComplete (   incompleteName As String ) As List(Of AutoCompleteViewModel) |

|  |
| --- |
| C++ |
| public: List<AutoCompleteViewModel^>^ GetStudentListForAutoComplete(  String^ incompleteName ) |

|  |
| --- |
| F# |
| member GetStudentListForAutoComplete :   incompleteName : string -> List<AutoCompleteViewModel> |

#### Parameters

incompleteName

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the incomplete name of the student

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([AutoCompleteViewModel](#_29FE5E4D_Topic))  
a list of possible candidates

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.IsUsnRequired Method

Method to determine wheater the user should enter a USN

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool IsUsnRequired(  int semester,  string usn ) |

|  |
| --- |
| VB |
| Public Function IsUsnRequired (   semester As Integer,  usn As String ) As Boolean |

|  |
| --- |
| C++ |
| public: bool IsUsnRequired(  int semester,   String^ usn ) |

|  |
| --- |
| F# |
| member IsUsnRequired :   semester : int \*   usn : string -> bool |

#### Parameters

semester

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the semester

usn

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the usn

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
bool

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.PerformRemoveStudent Method

Method to remove a student from the hostel

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string PerformRemoveStudent(  RemoveStudentViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformRemoveStudent (   userInput As RemoveStudentViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ PerformRemoveStudent(  RemoveStudentViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformRemoveStudent :   userInput : RemoveStudentViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.RemoveStudentViewModel](#_458C49C4_Topic)

the form filled by the user

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
error message

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# StudentHelper.PerformRoomChange Method

Method to change the allotment for a student

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string PerformRoomChange(  ChangeRoomViewModel userInput,  string bid ) |

|  |
| --- |
| VB |
| Public Function PerformRoomChange (   userInput As ChangeRoomViewModel,  bid As String ) As String |

|  |
| --- |
| C++ |
| public: String^ PerformRoomChange(  ChangeRoomViewModel^ userInput,   String^ bid ) |

|  |
| --- |
| F# |
| member PerformRoomChange :   userInput : ChangeRoomViewModel \*   bid : string -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.ChangeRoomViewModel](#_402824DE_Topic)

the form that the user has filled

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the bid of the student

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
the result to be displayed to the user

## See Also

[StudentHelper Class](#_D74F0F5C_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper Class

Class that contains the business logic for hostel and mess transactions

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  BusinessLayer.TransactionHelper

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class TransactionHelper |

|  |
| --- |
| VB |
| Public Class TransactionHelper |

|  |
| --- |
| C++ |
| public ref class TransactionHelper |

|  |
| --- |
| F# |
| type TransactionHelper = class end |

The **TransactionHelper** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [TransactionHelper](#_ABDB98E1_Topic) | Initializes a new instance of the **TransactionHelper** class |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [CanChangeDep](#_58939AFE_Topic) | Method to check if the deposit can be changed |
| Public method | [CanChangeFix](#_5BA63F87_Topic) | Method to check if the fixed deposit can be changed |
| Public method | [CanChangeMessFees](#_83B590FD_Topic) | Method to check if the mess fee can be changed |
| Public method | [CanChangeRent](#_108391C7_Topic) | Method to check if the rent can be changed |
| Public method | [CanGenerateMessBill](#_AFDCB302_Topic) | Method to check if mess bills can be generated |
| Public method | [ChangeHostelFees](#_8F475662_Topic) | Method to change the hostel fees |
| Public method | [ChangeMessFees](#_14FF24A_Topic) | Method to change the mess fee |
| Public method | [ConstructViewModelForHostelFeeChange](#_960D1552_Topic) | Method to construct the form for hostel fee change |
| Public method | [ConstructViewModelForHostelFeeDiscount](#_3351885B_Topic) | Method to constuct the form for hostel fee discount |
| Public method | [ConstructViewModelForHostelTransaction](#_95A10012_Topic) | Method to construct the form for hostel transaction |
| Public method | [ConstructViewModelForMessFeeChange](#_2FB87D7F_Topic) | Method to construct the form for mess fee change |
| Public method | [ConstructViewModelForMessTransaction](#_7DB322CF_Topic) | Method to construct the from for mess transaction |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateMessBill](#_98161C5D_Topic) | Method to generate mess bills |
| Public method | [GetAcademicYear](#_40879DBD_Topic) | Method to get academic year given the date |
| Public method | [GetAccountHeads](#_B6D792A6_Topic) | Method to get all the account heads |
| Public method | [GetAllHostelDues](#_13676D1C_Topic) | Method to get all hostel fee dues |
| Public method | [GetAllMessDues](#_139FA5EE_Topic) | Method to get all mess dues |
| Public method | [GetAllTransactionsForStudent](#_AF0EDF31_Topic) | Method to get all the transactions performed by a student |
| Public method | [GetDepFeeId](#_57602E2B_Topic) | Method to generate the fee ID for deposit |
| Public method | [GetFee(Int32)](#_12491969_Topic) | Method to get the fee given an id |
| Public method | [GetFee(Int32, Int32, String, Int32)](#_B8B7E1D3_Topic) | Helper method to get the hostel fee |
| Public method | [GetFixFeeId](#_6F834DA4_Topic) | Method to generate the fee ID for fixed charges |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHostelFeePayable](#_3E048793_Topic) | Method to get the amount of hostel fee due |
| Public method | [GetMessDue](#_6FA7D755_Topic) | Helper method to get the mess fee due |
| Public method | [GetMessFeePayable](#_F624D2B3_Topic) | Method to get the mess fee for the given month |
| Public method | [GetPaymentTypes](#_18D01CF4_Topic) | Method to get all the payment types |
| Public method | [GetRentFeeId](#_28C5D82D_Topic) | Method to generate the fee ID for rent |
| Public method | [GetStudentDues](#_6833055_Topic) | Helper method to get a students hostel fee dues |
| Private method | [GetTransactionViewModel](#_3B27ABC3_Topic) | Method to constaruct view model for the fees |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetValidAcademicYears](#_2940904D_Topic) | Method to get academic years from the year of joining |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [PerformFeeDiscount](#_A511AFFD_Topic) | Method to perfrom a hostel fee discount |
| Public method | [PerformHostelTransaction](#_27AC534E_Topic) | Method to add hostel transaction to the database |
| Public method | [PerformMessTransaction](#_C870E607_Topic) | Method to add mess transaction to the database |
| Public method | [ReportAbsenceForMess](#_CFDFD197_Topic) | Method to discount the mess bill if the student was absent |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [UpdateFeeInDatabase](#_142BB207_Topic) | Helper method to update values in the database |

## See Also

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper Constructor

Initializes a new instance of the [TransactionHelper](#_D01A8678_Topic) class

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public TransactionHelper() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: TransactionHelper() |

|  |
| --- |
| F# |
| new : unit -> TransactionHelper |

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.TransactionHelper Methods

The [TransactionHelper](#_D01A8678_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [CanChangeDep](#_58939AFE_Topic) | Method to check if the deposit can be changed |
| Public method | [CanChangeFix](#_5BA63F87_Topic) | Method to check if the fixed deposit can be changed |
| Public method | [CanChangeMessFees](#_83B590FD_Topic) | Method to check if the mess fee can be changed |
| Public method | [CanChangeRent](#_108391C7_Topic) | Method to check if the rent can be changed |
| Public method | [CanGenerateMessBill](#_AFDCB302_Topic) | Method to check if mess bills can be generated |
| Public method | [ChangeHostelFees](#_8F475662_Topic) | Method to change the hostel fees |
| Public method | [ChangeMessFees](#_14FF24A_Topic) | Method to change the mess fee |
| Public method | [ConstructViewModelForHostelFeeChange](#_960D1552_Topic) | Method to construct the form for hostel fee change |
| Public method | [ConstructViewModelForHostelFeeDiscount](#_3351885B_Topic) | Method to constuct the form for hostel fee discount |
| Public method | [ConstructViewModelForHostelTransaction](#_95A10012_Topic) | Method to construct the form for hostel transaction |
| Public method | [ConstructViewModelForMessFeeChange](#_2FB87D7F_Topic) | Method to construct the form for mess fee change |
| Public method | [ConstructViewModelForMessTransaction](#_7DB322CF_Topic) | Method to construct the from for mess transaction |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateMessBill](#_98161C5D_Topic) | Method to generate mess bills |
| Public method | [GetAcademicYear](#_40879DBD_Topic) | Method to get academic year given the date |
| Public method | [GetAccountHeads](#_B6D792A6_Topic) | Method to get all the account heads |
| Public method | [GetAllHostelDues](#_13676D1C_Topic) | Method to get all hostel fee dues |
| Public method | [GetAllMessDues](#_139FA5EE_Topic) | Method to get all mess dues |
| Public method | [GetAllTransactionsForStudent](#_AF0EDF31_Topic) | Method to get all the transactions performed by a student |
| Public method | [GetDepFeeId](#_57602E2B_Topic) | Method to generate the fee ID for deposit |
| Public method | [GetFee(Int32)](#_12491969_Topic) | Method to get the fee given an id |
| Public method | [GetFee(Int32, Int32, String, Int32)](#_B8B7E1D3_Topic) | Helper method to get the hostel fee |
| Public method | [GetFixFeeId](#_6F834DA4_Topic) | Method to generate the fee ID for fixed charges |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHostelFeePayable](#_3E048793_Topic) | Method to get the amount of hostel fee due |
| Public method | [GetMessDue](#_6FA7D755_Topic) | Helper method to get the mess fee due |
| Public method | [GetMessFeePayable](#_F624D2B3_Topic) | Method to get the mess fee for the given month |
| Public method | [GetPaymentTypes](#_18D01CF4_Topic) | Method to get all the payment types |
| Public method | [GetRentFeeId](#_28C5D82D_Topic) | Method to generate the fee ID for rent |
| Public method | [GetStudentDues](#_6833055_Topic) | Helper method to get a students hostel fee dues |
| Private method | [GetTransactionViewModel](#_3B27ABC3_Topic) | Method to constaruct view model for the fees |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetValidAcademicYears](#_2940904D_Topic) | Method to get academic years from the year of joining |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [PerformFeeDiscount](#_A511AFFD_Topic) | Method to perfrom a hostel fee discount |
| Public method | [PerformHostelTransaction](#_27AC534E_Topic) | Method to add hostel transaction to the database |
| Public method | [PerformMessTransaction](#_C870E607_Topic) | Method to add mess transaction to the database |
| Public method | [ReportAbsenceForMess](#_CFDFD197_Topic) | Method to discount the mess bill if the student was absent |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [UpdateFeeInDatabase](#_142BB207_Topic) | Helper method to update values in the database |

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.CanChangeDep Method

Method to check if the deposit can be changed

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanChangeDep(  int hostelType,  int roomType ) |

|  |
| --- |
| VB |
| Public Function CanChangeDep (   hostelType As Integer,  roomType As Integer ) As Boolean |

|  |
| --- |
| C++ |
| public: bool CanChangeDep(  int hostelType,   int roomType ) |

|  |
| --- |
| F# |
| member CanChangeDep :   hostelType : int \*   roomType : int -> bool |

#### Parameters

hostelType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of hostel

roomType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of room

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true, if the seposit can be changed, false otherwise

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.CanChangeFix Method

Method to check if the fixed deposit can be changed

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanChangeFix(  int hostelType,  int roomType ) |

|  |
| --- |
| VB |
| Public Function CanChangeFix (   hostelType As Integer,  roomType As Integer ) As Boolean |

|  |
| --- |
| C++ |
| public: bool CanChangeFix(  int hostelType,   int roomType ) |

|  |
| --- |
| F# |
| member CanChangeFix :   hostelType : int \*   roomType : int -> bool |

#### Parameters

hostelType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of hostel

roomType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of room

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true, if the fixed deposit can be changed, false otherwise

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.CanChangeMessFees Method

Method to check if the mess fee can be changed

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanChangeMessFees() |

|  |
| --- |
| VB |
| Public Function CanChangeMessFees As Boolean |

|  |
| --- |
| C++ |
| public: bool CanChangeMessFees() |

|  |
| --- |
| F# |
| member CanChangeMessFees : unit -> bool |

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true if the mess fee can be changed, false, otherwise

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.CanChangeRent Method

Method to check if the rent can be changed

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanChangeRent(  int hostelType,  int roomType ) |

|  |
| --- |
| VB |
| Public Function CanChangeRent (   hostelType As Integer,  roomType As Integer ) As Boolean |

|  |
| --- |
| C++ |
| public: bool CanChangeRent(  int hostelType,   int roomType ) |

|  |
| --- |
| F# |
| member CanChangeRent :   hostelType : int \*   roomType : int -> bool |

#### Parameters

hostelType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of hostel

roomType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of room

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true, if the rent can be changed, false otherwise

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.CanGenerateMessBill Method

Method to check if mess bills can be generated

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public bool CanGenerateMessBill() |

|  |
| --- |
| VB |
| Public Function CanGenerateMessBill As Boolean |

|  |
| --- |
| C++ |
| public: bool CanGenerateMessBill() |

|  |
| --- |
| F# |
| member CanGenerateMessBill : unit -> bool |

#### Return Value

Type: [Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)  
true, if the bill were generated, false otherwise

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ChangeHostelFees Method

Method to change the hostel fees

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string ChangeHostelFees(  HostelChargesViewModel userInput,  HostelChargesViewModel originalValues,  int rentId,  int fixId,  int depId ) |

|  |
| --- |
| VB |
| Public Function ChangeHostelFees (   userInput As HostelChargesViewModel,  originalValues As HostelChargesViewModel,  rentId As Integer,  fixId As Integer,  depId As Integer ) As String |

|  |
| --- |
| C++ |
| public: String^ ChangeHostelFees(  HostelChargesViewModel^ userInput,   HostelChargesViewModel^ originalValues,   int rentId,   int fixId,   int depId ) |

|  |
| --- |
| F# |
| member ChangeHostelFees :   userInput : HostelChargesViewModel \*   originalValues : HostelChargesViewModel \*   rentId : int \*   fixId : int \*   depId : int -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelChargesViewModel](#_5EBD0C59_Topic)

the changed fees that the user input

originalValues

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelChargesViewModel](#_5EBD0C59_Topic)

the original value of the fees

rentId

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the rent ID

fixId

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the fixed deposit ID

depId

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the deposit ID

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ChangeMessFees Method

Method to change the mess fee

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string ChangeMessFees(  MessChargesViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function ChangeMessFees (   userInput As MessChargesViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ ChangeMessFees(  MessChargesViewModel^ userInput ) |

|  |
| --- |
| F# |
| member ChangeMessFees :   userInput : MessChargesViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.MessChargesViewModel](#_77CF92F5_Topic)

the form filled by the user

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ConstructViewModelForHostelFeeChange Method

Method to construct the form for hostel fee change

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelChargesViewModel ConstructViewModelForHostelFeeChange(  SearchViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForHostelFeeChange (   userInput As SearchViewModel ) As HostelChargesViewModel |

|  |
| --- |
| C++ |
| public: HostelChargesViewModel^ ConstructViewModelForHostelFeeChange(  SearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| member ConstructViewModelForHostelFeeChange :   userInput : SearchViewModel -> HostelChargesViewModel |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.SearchViewModel](#_51729BDA_Topic)

the user input

#### Return Value

Type: [HostelChargesViewModel](#_5EBD0C59_Topic)  
the form

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ConstructViewModelForHostelFeeDiscount Method

Method to constuct the form for hostel fee discount

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelTransactionViewModel ConstructViewModelForHostelFeeDiscount(  string bid,  out string error ) |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForHostelFeeDiscount (   bid As String,  <OutAttribute> ByRef error As String ) As HostelTransactionViewModel |

|  |
| --- |
| C++ |
| public: HostelTransactionViewModel^ ConstructViewModelForHostelFeeDiscount(  String^ bid,   [OutAttribute] String^% error ) |

|  |
| --- |
| F# |
| member ConstructViewModelForHostelFeeDiscount :   bid : string \*   error : string byref -> HostelTransactionViewModel |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

error

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

out, error message

#### Return Value

Type: [HostelTransactionViewModel](#_844BC3C6_Topic)  
the form

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ConstructViewModelForHostelTransaction Method

Method to construct the form for hostel transaction

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelTransactionViewModel ConstructViewModelForHostelTransaction(  string bid ) |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForHostelTransaction (   bid As String ) As HostelTransactionViewModel |

|  |
| --- |
| C++ |
| public: HostelTransactionViewModel^ ConstructViewModelForHostelTransaction(  String^ bid ) |

|  |
| --- |
| F# |
| member ConstructViewModelForHostelTransaction :   bid : string -> HostelTransactionViewModel |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

#### Return Value

Type: [HostelTransactionViewModel](#_844BC3C6_Topic)  
the form

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ConstructViewModelForMessFeeChange Method

Method to construct the form for mess fee change

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessChargesViewModel ConstructViewModelForMessFeeChange() |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForMessFeeChange As MessChargesViewModel |

|  |
| --- |
| C++ |
| public: MessChargesViewModel^ ConstructViewModelForMessFeeChange() |

|  |
| --- |
| F# |
| member ConstructViewModelForMessFeeChange : unit -> MessChargesViewModel |

#### Return Value

Type: [MessChargesViewModel](#_77CF92F5_Topic)  
the form

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ConstructViewModelForMessTransaction Method

Method to construct the from for mess transaction

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessTransactionViewModel ConstructViewModelForMessTransaction(  string bid,  out string error ) |

|  |
| --- |
| VB |
| Public Function ConstructViewModelForMessTransaction (   bid As String,  <OutAttribute> ByRef error As String ) As MessTransactionViewModel |

|  |
| --- |
| C++ |
| public: MessTransactionViewModel^ ConstructViewModelForMessTransaction(  String^ bid,   [OutAttribute] String^% error ) |

|  |
| --- |
| F# |
| member ConstructViewModelForMessTransaction :   bid : string \*   error : string byref -> MessTransactionViewModel |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

error

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

out, error messsage

#### Return Value

Type: [MessTransactionViewModel](#_257BF433_Topic)  
the form

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GenerateMessBill Method

Method to generate mess bills

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string GenerateMessBill() |

|  |
| --- |
| VB |
| Public Function GenerateMessBill As String |

|  |
| --- |
| C++ |
| public: String^ GenerateMessBill() |

|  |
| --- |
| F# |
| member GenerateMessBill : unit -> string |

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetAcademicYear Method

Method to get academic year given the date

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int GetAcademicYear(  DateTime date ) |

|  |
| --- |
| VB |
| Public Function GetAcademicYear (   date As DateTime ) As Integer |

|  |
| --- |
| C++ |
| public: int GetAcademicYear(  DateTime date ) |

|  |
| --- |
| F# |
| member GetAcademicYear :   date : DateTime -> int |

#### Parameters

date

Type: [System.DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

the date

#### Return Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)  
academic year

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetAccountHeads Method

Method to get all the account heads

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<AcHead> GetAccountHeads() |

|  |
| --- |
| VB |
| Public Function GetAccountHeads As List(Of AcHead) |

|  |
| --- |
| C++ |
| public: List<AcHead^>^ GetAccountHeads() |

|  |
| --- |
| F# |
| member GetAccountHeads : unit -> List<AcHead> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([AcHead](#_E9474DDD_Topic))  
a list of account heads

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetAllHostelDues Method

Method to get all hostel fee dues

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<StudentDueSummaryViewModel> GetAllHostelDues() |

|  |
| --- |
| VB |
| Public Function GetAllHostelDues As List(Of StudentDueSummaryViewModel) |

|  |
| --- |
| C++ |
| public: List<StudentDueSummaryViewModel^>^ GetAllHostelDues() |

|  |
| --- |
| F# |
| member GetAllHostelDues : unit -> List<StudentDueSummaryViewModel> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([StudentDueSummaryViewModel](#_1C499551_Topic))  
a list of the students and dues

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetAllMessDues Method

Method to get all mess dues

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<StudentMessDueSummaryViewModel> GetAllMessDues() |

|  |
| --- |
| VB |
| Public Function GetAllMessDues As List(Of StudentMessDueSummaryViewModel) |

|  |
| --- |
| C++ |
| public: List<StudentMessDueSummaryViewModel^>^ GetAllMessDues() |

|  |
| --- |
| F# |
| member GetAllMessDues : unit -> List<StudentMessDueSummaryViewModel> |

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([StudentMessDueSummaryViewModel](#_4765BC04_Topic))  
a list of the students and dues

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetAllTransactionsForStudent Method

Method to get all the transactions performed by a student

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<TransactionsViewModel> GetAllTransactionsForStudent(  string bid,  bool archieve = false ) |

|  |
| --- |
| VB |
| Public Function GetAllTransactionsForStudent (   bid As String,  Optional archieve As Boolean = false ) As List(Of TransactionsViewModel) |

|  |
| --- |
| C++ |
| public: List<TransactionsViewModel^>^ GetAllTransactionsForStudent(  String^ bid,   bool archieve = false ) |

|  |
| --- |
| F# |
| member GetAllTransactionsForStudent :   bid : string \*   ?archieve : bool  (\* Defaults:  let\_archieve = defaultArg archieve false \*) -> List<TransactionsViewModel> |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

archieve (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true if the student is in archive, false otherwise

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([TransactionsViewModel](#_FA9CF992_Topic))  
a list of transactions

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetDepFeeId Method

Method to generate the fee ID for deposit

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int GetDepFeeId(  int hostelType,  int roomType ) |

|  |
| --- |
| VB |
| Public Function GetDepFeeId (   hostelType As Integer,  roomType As Integer ) As Integer |

|  |
| --- |
| C++ |
| public: int GetDepFeeId(  int hostelType,   int roomType ) |

|  |
| --- |
| F# |
| member GetDepFeeId :   hostelType : int \*   roomType : int -> int |

#### Parameters

hostelType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of hostel

roomType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of room

#### Return Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)  
the fee ID

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetFee Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [GetFee(Int32)](#_12491969_Topic) | Method to get the fee given an id |
| Public method | [GetFee(Int32, Int32, String, Int32)](#_B8B7E1D3_Topic) | Helper method to get the hostel fee |

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetFee Method (Int32)

Method to get the fee given an id

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal GetFee(  int id ) |

|  |
| --- |
| VB |
| Public Function GetFee (   id As Integer ) As Decimal |

|  |
| --- |
| C++ |
| public: Decimal GetFee(  int id ) |

|  |
| --- |
| F# |
| member GetFee :   id : int -> decimal |

#### Parameters

id

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the id of the fee

#### Return Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)  
the fee

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[GetFee Overload](#_59361054_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetFee Method (Int32, Int32, String, Int32)

Helper method to get the hostel fee

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal GetFee(  int id,  int year,  string bid,  int custom ) |

|  |
| --- |
| VB |
| Public Function GetFee (   id As Integer,  year As Integer,  bid As String,  custom As Integer ) As Decimal |

|  |
| --- |
| C++ |
| public: Decimal GetFee(  int id,   int year,   String^ bid,   int custom ) |

|  |
| --- |
| F# |
| member GetFee :   id : int \*   year : int \*   bid : string \*   custom : int -> decimal |

#### Parameters

id

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the fee id

year

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the year

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the bid of the student

custom

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

wheather the fee is custom or not

#### Return Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[GetFee Overload](#_59361054_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetFixFeeId Method

Method to generate the fee ID for fixed charges

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int GetFixFeeId(  int hostelType,  int roomType ) |

|  |
| --- |
| VB |
| Public Function GetFixFeeId (   hostelType As Integer,  roomType As Integer ) As Integer |

|  |
| --- |
| C++ |
| public: int GetFixFeeId(  int hostelType,   int roomType ) |

|  |
| --- |
| F# |
| member GetFixFeeId :   hostelType : int \*   roomType : int -> int |

#### Parameters

hostelType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of hostel

roomType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of room

#### Return Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)  
the fee ID

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetHostelFeePayable Method

Method to get the amount of hostel fee due

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal GetHostelFeePayable(  string head,  string bid,  int year,  bool notDue = true ) |

|  |
| --- |
| VB |
| Public Function GetHostelFeePayable (   head As String,  bid As String,  year As Integer,  Optional notDue As Boolean = true ) As Decimal |

|  |
| --- |
| C++ |
| public: Decimal GetHostelFeePayable(  String^ head,   String^ bid,   int year,   bool notDue = true ) |

|  |
| --- |
| F# |
| member GetHostelFeePayable :   head : string \*   bid : string \*   year : int \*   ?notDue : bool  (\* Defaults:  let\_notDue = defaultArg notDue true \*) -> decimal |

#### Parameters

head

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the account head

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

year

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the academic year

notDue (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if only dues are required, false, otherwise

#### Return Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)  
the amount

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetMessDue Method

Helper method to get the mess fee due

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<MessFeeDueViewModel> GetMessDue(  string bid,  bool allTransactions = false ) |

|  |
| --- |
| VB |
| Public Function GetMessDue (   bid As String,  Optional allTransactions As Boolean = false ) As List(Of MessFeeDueViewModel) |

|  |
| --- |
| C++ |
| public: List<MessFeeDueViewModel^>^ GetMessDue(  String^ bid,   bool allTransactions = false ) |

|  |
| --- |
| F# |
| member GetMessDue :   bid : string \*   ?allTransactions : bool  (\* Defaults:  let\_allTransactions = defaultArg allTransactions false \*) -> List<MessFeeDueViewModel> |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students BID

allTransactions (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if all transactions are needed, false otherwise

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([MessFeeDueViewModel](#_2B282871_Topic))  
the mess dues

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetMessFeePayable Method

Method to get the mess fee for the given month

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal GetMessFeePayable(  string bid,  int month,  int year ) |

|  |
| --- |
| VB |
| Public Function GetMessFeePayable (   bid As String,  month As Integer,  year As Integer ) As Decimal |

|  |
| --- |
| C++ |
| public: Decimal GetMessFeePayable(  String^ bid,   int month,   int year ) |

|  |
| --- |
| F# |
| member GetMessFeePayable :   bid : string \*   month : int \*   year : int -> decimal |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

month

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the month

year

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the academic year

#### Return Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)  
amount

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetPaymentTypes Method

Method to get all the payment types

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<PaymentType> GetPaymentTypes(  bool includeDiscount ) |

|  |
| --- |
| VB |
| Public Function GetPaymentTypes (   includeDiscount As Boolean ) As List(Of PaymentType) |

|  |
| --- |
| C++ |
| public: List<PaymentType^>^ GetPaymentTypes(  bool includeDiscount ) |

|  |
| --- |
| F# |
| member GetPaymentTypes :   includeDiscount : bool -> List<PaymentType> |

#### Parameters

includeDiscount

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if discount is a payment type, false otherwise

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([PaymentType](#_32345509_Topic))  
a list of payment types

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetRentFeeId Method

Method to generate the fee ID for rent

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int GetRentFeeId(  int hostelType,  int roomType ) |

|  |
| --- |
| VB |
| Public Function GetRentFeeId (   hostelType As Integer,  roomType As Integer ) As Integer |

|  |
| --- |
| C++ |
| public: int GetRentFeeId(  int hostelType,   int roomType ) |

|  |
| --- |
| F# |
| member GetRentFeeId :   hostelType : int \*   roomType : int -> int |

#### Parameters

hostelType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of hostel

roomType

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the type of room

#### Return Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)  
the fee ID

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetStudentDues Method

Helper method to get a students hostel fee dues

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Tuple<List<HostelFeeDueViewModel>, Hashtable> GetStudentDues(  string bid,  bool allTransactions = false ) |

|  |
| --- |
| VB |
| Public Function GetStudentDues (   bid As String,  Optional allTransactions As Boolean = false ) As Tuple(Of List(Of HostelFeeDueViewModel), Hashtable) |

|  |
| --- |
| C++ |
| public: Tuple<List<HostelFeeDueViewModel^>^, Hashtable^>^ GetStudentDues(  String^ bid,   bool allTransactions = false ) |

|  |
| --- |
| F# |
| member GetStudentDues :   bid : string \*   ?allTransactions : bool  (\* Defaults:  let\_allTransactions = defaultArg allTransactions false \*) -> Tuple<List<HostelFeeDueViewModel>, Hashtable> |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

allTransactions (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if we want all transactions, false otherwise

#### Return Value

Type: [Tuple](http://msdn2.microsoft.com/en-us/library/dd268536)([List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([HostelFeeDueViewModel](#_25B8DFBA_Topic)), [Hashtable](http://msdn2.microsoft.com/en-us/library/aahzb21x))  
a list of dues

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetTransactionViewModel Method

Method to constaruct view model for the fees

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| private TransactionsViewModel GetTransactionViewModel(  Student student,  int feeId,  bool differentFirstBill,  DateTime i,  string accountHead ) |

|  |
| --- |
| VB |
| Private Function GetTransactionViewModel (   student As Student,  feeId As Integer,  differentFirstBill As Boolean,  i As DateTime,  accountHead As String ) As TransactionsViewModel |

|  |
| --- |
| C++ |
| private: TransactionsViewModel^ GetTransactionViewModel(  Student^ student,   int feeId,   bool differentFirstBill,   DateTime i,   String^ accountHead ) |

|  |
| --- |
| F# |
| private member GetTransactionViewModel :   student : Student \*   feeId : int \*   differentFirstBill : bool \*   i : DateTime \*   accountHead : string -> TransactionsViewModel |

#### Parameters

student

Type: [BusinessLayer.Student](#_87A9E4A8_Topic)

the BID of the student

feeId

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID of the fee

differentFirstBill

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if the first bill has to be different

i

Type: [System.DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

the year

accountHead

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the account head

#### Return Value

Type: [TransactionsViewModel](#_FA9CF992_Topic)  
the view model

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.GetValidAcademicYears Method

Method to get academic years from the year of joining

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<string> GetValidAcademicYears(  int yearOfJoining ) |

|  |
| --- |
| VB |
| Public Function GetValidAcademicYears (   yearOfJoining As Integer ) As List(Of String) |

|  |
| --- |
| C++ |
| public: List<String^>^ GetValidAcademicYears(  int yearOfJoining ) |

|  |
| --- |
| F# |
| member GetValidAcademicYears :   yearOfJoining : int -> List<string> |

#### Parameters

yearOfJoining

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the year of joining

#### Return Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf))  
a list of academic years

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.PerformFeeDiscount Method

Method to perfrom a hostel fee discount

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string PerformFeeDiscount(  HostelTransactionViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformFeeDiscount (   userInput As HostelTransactionViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ PerformFeeDiscount(  HostelTransactionViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformFeeDiscount :   userInput : HostelTransactionViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelTransactionViewModel](#_844BC3C6_Topic)

the form filled by the user

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.PerformHostelTransaction Method

Method to add hostel transaction to the database

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string PerformHostelTransaction(  HostelTransactionViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformHostelTransaction (   userInput As HostelTransactionViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ PerformHostelTransaction(  HostelTransactionViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformHostelTransaction :   userInput : HostelTransactionViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelTransactionViewModel](#_844BC3C6_Topic)

the form filled by the user

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.PerformMessTransaction Method

Method to add mess transaction to the database

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string PerformMessTransaction(  MessTransactionViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformMessTransaction (   userInput As MessTransactionViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ PerformMessTransaction(  MessTransactionViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformMessTransaction :   userInput : MessTransactionViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.MessTransactionViewModel](#_257BF433_Topic)

the form filled by the user

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.ReportAbsenceForMess Method

Method to discount the mess bill if the student was absent

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string ReportAbsenceForMess(  MessAbsenceViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function ReportAbsenceForMess (   userInput As MessAbsenceViewModel ) As String |

|  |
| --- |
| C++ |
| public: String^ ReportAbsenceForMess(  MessAbsenceViewModel^ userInput ) |

|  |
| --- |
| F# |
| member ReportAbsenceForMess :   userInput : MessAbsenceViewModel -> string |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.MessAbsenceViewModel](#_2145339B_Topic)

the form filled by the user

#### Return Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)  
result

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# TransactionHelper.UpdateFeeInDatabase Method

Helper method to update values in the database

**Namespace:** [BusinessLayer](#_E46BF56B_Topic)  
**Assembly:** BusinessLayer (in BusinessLayer.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public void UpdateFeeInDatabase(  int id,  decimal changedValue ) |

|  |
| --- |
| VB |
| Public Sub UpdateFeeInDatabase (   id As Integer,  changedValue As Decimal ) |

|  |
| --- |
| C++ |
| public: void UpdateFeeInDatabase(  int id,   Decimal changedValue ) |

|  |
| --- |
| F# |
| member UpdateFeeInDatabase :   id : int \*   changedValue : decimal -> unit |

#### Parameters

id

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

the ID of the value to the change

changedValue

Type: [System.Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

the updated value

## See Also

[TransactionHelper Class](#_D01A8678_Topic)

[BusinessLayer Namespace](#_E46BF56B_Topic)

# HostelManagement Namespaces

## Namespaces

|  |  |
| --- | --- |
| Namespace | Description |
| [HostelManagement](#_FBE166F5_Topic) | The MVC namespace |
| [HostelManagement.Areas](#_9CAC28C2_Topic) |  |
| [HostelManagement.Controllers](#_9EB73BCB_Topic) | All the controllers outside all the areas |
| [HostelManagement.Models](#_A4C912C0_Topic) | All models outside all areas |

# HostelManagement Namespace

The MVC namespace

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [AppDbContext](#_D86A085F_Topic) |  |
| Public class | [AppUser](#_996EEE3F_Topic) | Class that represents the application user |
| Public class | [FilterConfig](#_EA37788D_Topic) | a class for filter configuration |
| Public class | [MvcApplication](#_9225DA1D_Topic) |  |
| Public class | [RouteConfig](#_A3AC7A45_Topic) | Class to configure the route |
| Public class | [Startup](#_C8F906DB_Topic) | The class to configure the application |

# AppDbContext Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505)  
    [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179))  
      [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn468176)([AppUser](#_996EEE3F_Topic))  
        HostelManagement.AppDbContext

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AppDbContext : IdentityDbContext<AppUser> |

|  |
| --- |
| VB |
| Public Class AppDbContext  Inherits IdentityDbContext(Of AppUser) |

|  |
| --- |
| C++ |
| public ref class AppDbContext : public IdentityDbContext<AppUser^> |

|  |
| --- |
| F# |
| type AppDbContext =   class  inherit IdentityDbContext<AppUser>  end |

The **AppDbContext** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AppDbContext](#_4F6865B5_Topic) | Initializes a new instance of the **AppDbContext** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ChangeTracker](http://msdn2.microsoft.com/en-us/library/gg696736) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Configuration](http://msdn2.microsoft.com/en-us/library/gg696706) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Database](http://msdn2.microsoft.com/en-us/library/gg696725) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected property | **InternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [RequireUniqueEmail](http://msdn2.microsoft.com/en-us/library/dn497617) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Roles](http://msdn2.microsoft.com/en-us/library/dn497612) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Users](http://msdn2.microsoft.com/en-us/library/dn497626) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CallOnModelCreating** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **CallValidateEntity** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Private method | **DiscoverAndInitializeSets** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/gg696610) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/gg696657) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry(Object)](http://msdn2.microsoft.com/en-us/library/gg696238) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry``1(UMP)](http://msdn2.microsoft.com/en-us/library/gg696578) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/gg679432) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/gg696148) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/gg696535) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetValidationErrors](http://msdn2.microsoft.com/en-us/library/gg696560) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **InitializeLazyInternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnModelCreating](http://msdn2.microsoft.com/en-us/library/dn613072) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public method | [SaveChanges](http://msdn2.microsoft.com/en-us/library/gg696566) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync()](http://msdn2.microsoft.com/en-us/library/dn220070) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync(CancellationToken)](http://msdn2.microsoft.com/en-us/library/dn220059) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set(Type)](http://msdn2.microsoft.com/en-us/library/gg679544) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set``1()](http://msdn2.microsoft.com/en-us/library/gg696521) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ShouldValidateEntity](http://msdn2.microsoft.com/en-us/library/gg679532) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/gg696675) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ValidateEntity](http://msdn2.microsoft.com/en-us/library/dn613008) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate property | [System#Data#Entity#Infrastructure#IObjectContextAdapter#ObjectContext](http://msdn2.microsoft.com/en-us/library/gg696590) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |

## See Also

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppDbContext Constructor

Initializes a new instance of the [AppDbContext](#_D86A085F_Topic) class

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AppDbContext() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AppDbContext() |

|  |
| --- |
| F# |
| new : unit -> AppDbContext |

## See Also

[AppDbContext Class](#_D86A085F_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppDbContext.AppDbContext Properties

The [AppDbContext](#_D86A085F_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ChangeTracker](http://msdn2.microsoft.com/en-us/library/gg696736) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Configuration](http://msdn2.microsoft.com/en-us/library/gg696706) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [Database](http://msdn2.microsoft.com/en-us/library/gg696725) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected property | **InternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public property | [RequireUniqueEmail](http://msdn2.microsoft.com/en-us/library/dn497617) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Roles](http://msdn2.microsoft.com/en-us/library/dn497612) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Users](http://msdn2.microsoft.com/en-us/library/dn497626) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate property | [System#Data#Entity#Infrastructure#IObjectContextAdapter#ObjectContext](http://msdn2.microsoft.com/en-us/library/gg696590) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |

## See Also

[AppDbContext Class](#_D86A085F_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppDbContext.AppDbContext Methods

The [AppDbContext](#_D86A085F_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CallOnModelCreating** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **CallValidateEntity** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Private method | **DiscoverAndInitializeSets** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/gg696610) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/gg696657) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry(Object)](http://msdn2.microsoft.com/en-us/library/gg696238) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Entry``1(UMP)](http://msdn2.microsoft.com/en-us/library/gg696578) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/gg679432) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/gg696148) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/gg696535) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [GetValidationErrors](http://msdn2.microsoft.com/en-us/library/gg696560) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | **InitializeLazyInternalContext** | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnModelCreating](http://msdn2.microsoft.com/en-us/library/dn613072) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public method | [SaveChanges](http://msdn2.microsoft.com/en-us/library/gg696566) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync()](http://msdn2.microsoft.com/en-us/library/dn220070) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [SaveChangesAsync(CancellationToken)](http://msdn2.microsoft.com/en-us/library/dn220059) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set(Type)](http://msdn2.microsoft.com/en-us/library/gg679544) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [Set``1()](http://msdn2.microsoft.com/en-us/library/gg696521) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ShouldValidateEntity](http://msdn2.microsoft.com/en-us/library/gg679532) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/gg696675) | (Inherited from [DbContext](http://msdn2.microsoft.com/en-us/library/gg679505).) |
| Protected method | [ValidateEntity](http://msdn2.microsoft.com/en-us/library/dn613008) | (Inherited from [IdentityDbContext](http://msdn2.microsoft.com/en-us/library/dn613255)([AppUser](#_996EEE3F_Topic), [IdentityRole](http://msdn2.microsoft.com/en-us/library/dn468177), [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |

## See Also

[AppDbContext Class](#_D86A085F_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppUser Class

Class that represents the application user

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179))  
    [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn468178)  
      HostelManagement.AppUser

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AppUser : IdentityUser |

|  |
| --- |
| VB |
| Public Class AppUser  Inherits IdentityUser |

|  |
| --- |
| C++ |
| public ref class AppUser : public IdentityUser |

|  |
| --- |
| F# |
| type AppUser =   class  inherit IdentityUser  end |

The **AppUser** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AppUser](#_FA382912_Topic) | Initializes a new instance of the **AppUser** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AccessFailedCount](http://msdn2.microsoft.com/en-us/library/dn497624) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Claims](http://msdn2.microsoft.com/en-us/library/dn497625) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Email](http://msdn2.microsoft.com/en-us/library/dn497633) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [EmailConfirmed](http://msdn2.microsoft.com/en-us/library/dn497628) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Id](http://msdn2.microsoft.com/en-us/library/dn497634) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [LockoutEnabled](http://msdn2.microsoft.com/en-us/library/dn497635) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [LockoutEndDateUtc](http://msdn2.microsoft.com/en-us/library/dn613163) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Logins](http://msdn2.microsoft.com/en-us/library/dn497636) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [PasswordHash](http://msdn2.microsoft.com/en-us/library/dn497637) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [PhoneNumber](http://msdn2.microsoft.com/en-us/library/dn497638) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [PhoneNumberConfirmed](http://msdn2.microsoft.com/en-us/library/dn497639) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Roles](http://msdn2.microsoft.com/en-us/library/dn497640) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [SecurityStamp](http://msdn2.microsoft.com/en-us/library/dn497641) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [TwoFactorEnabled](http://msdn2.microsoft.com/en-us/library/dn613164) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [UserName](http://msdn2.microsoft.com/en-us/library/dn497642) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppUser Constructor

Initializes a new instance of the [AppUser](#_996EEE3F_Topic) class

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AppUser() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AppUser() |

|  |
| --- |
| F# |
| new : unit -> AppUser |

## See Also

[AppUser Class](#_996EEE3F_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppUser.AppUser Properties

The [AppUser](#_996EEE3F_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AccessFailedCount](http://msdn2.microsoft.com/en-us/library/dn497624) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Claims](http://msdn2.microsoft.com/en-us/library/dn497625) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Email](http://msdn2.microsoft.com/en-us/library/dn497633) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [EmailConfirmed](http://msdn2.microsoft.com/en-us/library/dn497628) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Id](http://msdn2.microsoft.com/en-us/library/dn497634) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [LockoutEnabled](http://msdn2.microsoft.com/en-us/library/dn497635) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [LockoutEndDateUtc](http://msdn2.microsoft.com/en-us/library/dn613163) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Logins](http://msdn2.microsoft.com/en-us/library/dn497636) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [PasswordHash](http://msdn2.microsoft.com/en-us/library/dn497637) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [PhoneNumber](http://msdn2.microsoft.com/en-us/library/dn497638) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [PhoneNumberConfirmed](http://msdn2.microsoft.com/en-us/library/dn497639) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [Roles](http://msdn2.microsoft.com/en-us/library/dn497640) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [SecurityStamp](http://msdn2.microsoft.com/en-us/library/dn497641) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [TwoFactorEnabled](http://msdn2.microsoft.com/en-us/library/dn613164) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |
| Public property | [UserName](http://msdn2.microsoft.com/en-us/library/dn497642) | (Inherited from [IdentityUser](http://msdn2.microsoft.com/en-us/library/dn613256)([String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf), [IdentityUserLogin](http://msdn2.microsoft.com/en-us/library/dn468180), [IdentityUserRole](http://msdn2.microsoft.com/en-us/library/dn468182), [IdentityUserClaim](http://msdn2.microsoft.com/en-us/library/dn468179)).) |

## See Also

[AppUser Class](#_996EEE3F_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# AppUser.AppUser Methods

The [AppUser](#_996EEE3F_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AppUser Class](#_996EEE3F_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# FilterConfig Class

a class for filter configuration

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.FilterConfig

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class FilterConfig |

|  |
| --- |
| VB |
| Public Class FilterConfig |

|  |
| --- |
| C++ |
| public ref class FilterConfig |

|  |
| --- |
| F# |
| type FilterConfig = class end |

The **FilterConfig** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [FilterConfig](#_BF3633D5_Topic) | Initializes a new instance of the **FilterConfig** class |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public methodStatic member | [RegisterGlobalFilters](#_1E9D33DA_Topic) | Method to register the filters |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement Namespace](#_FBE166F5_Topic)

# FilterConfig Constructor

Initializes a new instance of the [FilterConfig](#_EA37788D_Topic) class

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public FilterConfig() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: FilterConfig() |

|  |
| --- |
| F# |
| new : unit -> FilterConfig |

## See Also

[FilterConfig Class](#_EA37788D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# FilterConfig.FilterConfig Methods

The [FilterConfig](#_EA37788D_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public methodStatic member | [RegisterGlobalFilters](#_1E9D33DA_Topic) | Method to register the filters |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[FilterConfig Class](#_EA37788D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# FilterConfig.RegisterGlobalFilters Method

Method to register the filters

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public static void RegisterGlobalFilters(  GlobalFilterCollection filters ) |

|  |
| --- |
| VB |
| Public Shared Sub RegisterGlobalFilters (   filters As GlobalFilterCollection ) |

|  |
| --- |
| C++ |
| public: static void RegisterGlobalFilters(  GlobalFilterCollection^ filters ) |

|  |
| --- |
| F# |
| static member RegisterGlobalFilters :   filters : GlobalFilterCollection -> unit |

#### Parameters

filters

Type: [GlobalFilterCollection](http://msdn2.microsoft.com/en-us/library/gg402080)

the filters

## See Also

[FilterConfig Class](#_EA37788D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication Class

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [System.Web.HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw)  
    HostelManagement.MvcApplication

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MvcApplication : HttpApplication |

|  |
| --- |
| VB |
| Public Class MvcApplication  Inherits HttpApplication |

|  |
| --- |
| C++ |
| public ref class MvcApplication : public HttpApplication |

|  |
| --- |
| F# |
| type MvcApplication =   class  inherit HttpApplication  end |

The **MvcApplication** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MvcApplication](#_48A243DC_Topic) | Initializes a new instance of the **MvcApplication** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected property | **AppEvent** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Application](http://msdn2.microsoft.com/en-us/library/42k64d1f) | Gets the current state of an application. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **AsyncResult** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Context](http://msdn2.microsoft.com/en-us/library/1cwkw1ff) | Gets HTTP-specific information about the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **CurrentModuleCollectionKey** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **EntityBuffer** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | [Events](http://msdn2.microsoft.com/en-us/library/54d9fhx2) | Gets the list of event handler delegates that process all application events. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **IsRequestCompleted** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **LastError** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Modules](http://msdn2.microsoft.com/en-us/library/kw8fzxy6) | Gets the collection of modules for the current application. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/sx0sthyf) | Gets the intrinsic request object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/2h934769) | Gets the intrinsic response object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/tz0czzcx) | Gets the intrinsic server object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/db4kkyb1) | Gets the intrinsic session object that provides access to session data. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Site](http://msdn2.microsoft.com/en-us/library/61yw5wty) | Gets or sets a site interface for an [IComponent](http://msdn2.microsoft.com/en-us/library/e4w667z9) implementation. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/h4aebfxt) | Gets the intrinsic user object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **AcquireNotifcationContextLock** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAcquireRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/30dbw42y) | Adds the specified [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event to the collection of asynchronous [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAcquireRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/t8064146) | Adds the specified [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event to the collection of asynchronous [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthenticateRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/bzthx3ak) | Adds the specified [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event to the collection of asynchronous [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthenticateRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ws65zw54) | Adds the specified [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event to the collection of asynchronous [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthorizeRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/kcyh9kc0) | Adds the specified [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event to the collection of asynchronous [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthorizeRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/twd37w0d) | Adds the specified [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event to the collection of asynchronous [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnBeginRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/7d929d82) | Adds the specified [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event to the collection of asynchronous [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnBeginRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/00e2t043) | Adds the specified [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event to the collection of asynchronous [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnEndRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/zkh2afa3) | Adds the specified [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event to the collection of asynchronous [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnEndRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/f5txdbdd) | Adds the specified [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event to the collection of asynchronous [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnLogRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ms586655) | Adds the specified [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event to the collection of asynchronous [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnLogRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ms586657) | Adds the specified [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event to the collection of asynchronous [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnMapRequestHandlerAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ms586658) | Adds the specified [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event to the collection of asynchronous [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnMapRequestHandlerAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ms586670) | Adds the specified [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event to the collection of asynchronous [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAcquireRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/kdd7c9ex) | Adds the specified [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event to the collection of asynchronous [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAcquireRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/43dfe8t7) | Adds the specified [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event to the collection of asynchronous [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthenticateRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ch2wh2t0) | Adds the specified [PostAuthenticateRequest](http://msdn2.microsoft.com/en-us/library/67zz7095) event to the collection of asynchronous [PostAuthenticateRequest](http://msdn2.microsoft.com/en-us/library/67zz7095) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthenticateRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/xctaezwk) | Adds the specified [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event to the collection of asynchronous [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthorizeRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ebk0tkw0) | Adds the specified [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event to the collection of asynchronous [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthorizeRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/45b4b493) | Adds the specified [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) to the collection of asynchronous [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostLogRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ms586671) | Adds the specified [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event to the collection of asynchronous [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostLogRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ms586672) | Adds the specified [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event to the collection of asynchronous [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostMapRequestHandlerAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/9c583a8b) | Adds the specified [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event to the collection of asynchronous [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostMapRequestHandlerAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/1339d100) | Adds the specified [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event to the collection of asynchronous [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostReleaseRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/6beza5c1) | Adds the specified [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event to the collection of asynchronous [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostReleaseRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/f3dtzs8x) | Adds the specified [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event to the collection of asynchronous [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/8f759s7b) | Adds the specified [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event to the collection of asynchronous [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/7t97a6ct) | Adds the specified [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event to the collection of asynchronous [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostResolveRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ssc4b2wk) | Adds the specified [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event to the collection of asynchronous [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostResolveRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/hytdxz36) | Adds the specified [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event to the collection of asynchronous [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/39fae0kz) | Adds the specified [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event to the collection of asynchronous [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ckts6a04) | Adds the specified [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event to the collection of asynchronous [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPreRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/397k349z) | Adds the specified [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event to the collection of asynchronous [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPreRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/3ts11k4x) | Adds the specified [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event to the collection of asynchronous [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnReleaseRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/b3hhafdk) | Adds the specified [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event to the collection of asynchronous [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnReleaseRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/4sck4zyh) | Adds the specified [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event to the collection of asynchronous [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnResolveRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/xb3awsy0) | Adds the specified [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handler to the collection of asynchronous [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnResolveRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/a368de6w) | Adds the specified [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handler to the collection of asynchronous [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/9awt7x0y) | Adds the specified [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event to the collection of asynchronous [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/s5e9a9t5) | Adds the specified [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event to the collection of asynchronous [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **AddSyncEventHookup** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | [Application\_Start](#_158E66BD_Topic) |  |
| Protected method | **AssignContext** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **BeginProcessRequestNotification** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ClearError** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [CompleteRequest](http://msdn2.microsoft.com/en-us/library/1tsh6s5y) | Causes ASP.NET to bypass all events and filtering in the HTTP pipeline chain of execution and directly execute the [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **CreateImplicitAsyncPreloadExecutionStep** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [Dispose](http://msdn2.microsoft.com/en-us/library/87akk935) | Disposes the [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw) instance. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **DisposeInternal** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **EndProcessRequestNotification** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **EnsureReleaseState** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | **ExecuteStep** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetOutputCacheProviderName](http://msdn2.microsoft.com/en-us/library/dd384971) | Gets the name of the default output-cache provider that is configured for a Web site. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetVaryByCustomString](http://msdn2.microsoft.com/en-us/library/yhake8cf) | Provides an application-wide implementation of the [VaryByCustom](http://msdn2.microsoft.com/en-us/library/yy231yfz) property. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [Init](http://msdn2.microsoft.com/en-us/library/x0zxwesb) | Executes custom initialization code after all event handler modules have been added. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **InitInternal** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **InitSpecial** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **MapHttpHandler** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **MapIntegratedHttpHandler** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | OnThreadEnter() | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **OnThreadEnter(Boolean)** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ProcessSpecialRequest** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RaiseErrorWithoutContext** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RaiseOnPreSendRequestContent** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RaiseOnPreSendRequestHeaders** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ReleaseAppInstance** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ReleaseNotifcationContextLock** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RemoveSyncEventHookup(Object, Delegate, RequestNotification)** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RemoveSyncEventHookup(Object, Delegate, RequestNotification, Boolean)** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## Events

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public event | [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) | Occurs when ASP.NET acquires the current state (for example, session state) that is associated with the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) | Occurs when a security module has established the identity of the user. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) | Occurs when a security module has verified user authorization. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) | Occurs as the first event in the HTTP pipeline chain of execution when ASP.NET responds to a request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected event | **DefaultAuthentication** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [Disposed](http://msdn2.microsoft.com/en-us/library/3s712903) | Occurs when the application is disposed. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) | Occurs as the last event in the HTTP pipeline chain of execution when ASP.NET responds to a request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [Error](http://msdn2.microsoft.com/en-us/library/6kez280w) | Occurs when an unhandled exception is thrown. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) | Occurs just before ASP.NET performs any logging for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) | Occurs when the handler is selected to respond to the request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) | Occurs when the request state (for example, session state) that is associated with the current request has been obtained. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostAuthenticateRequest](http://msdn2.microsoft.com/en-us/library/67zz7095) | Occurs when a security module has established the identity of the user. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) | Occurs when the user for the current request has been authorized. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) | Occurs when ASP.NET has completed processing all the event handlers for the [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) | Occurs when ASP.NET has mapped the current request to the appropriate event handler. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) | Occurs when ASP.NET has completed executing all request event handlers and the request state data has been stored. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) | Occurs when the ASP.NET event handler (for example, a page or an XML Web service) finishes execution. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) | Occurs when ASP.NET bypasses execution of the current event handler and allows a caching module to serve a request from the cache. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) | Occurs when ASP.NET finishes updating caching modules and storing responses that are used to serve subsequent requests from the cache. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) | Occurs just before ASP.NET starts executing an event handler (for example, a page or an XML Web service). (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PreSendRequestContent](http://msdn2.microsoft.com/en-us/library/8f0a3yh3) | Occurs just before ASP.NET sends content to the client. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PreSendRequestHeaders](http://msdn2.microsoft.com/en-us/library/6bks0yff) | Occurs just before ASP.NET sends HTTP headers to the client. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) | Occurs after ASP.NET finishes executing all request event handlers. This event causes state modules to save the current state data. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [RequestCompleted](http://msdn2.microsoft.com/en-us/library/hh195544) | Occurs when the managed objects that are associated with the request have been released. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) | Occurs when ASP.NET finishes an authorization event to let the caching modules serve requests from the cache, bypassing execution of the event handler (for example, a page or an XML Web service). (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) | Occurs when ASP.NET finishes executing an event handler in order to let caching modules store responses that will be used to serve subsequent requests from the cache. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## Fields

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected field | **ApplicationInstanceConsumersCounter** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [IHttpAsyncHandler.BeginProcessRequest](http://msdn2.microsoft.com/en-us/library/bb339421) | Initiates an asynchronous call to the HTTP event handler. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate method | [IHttpAsyncHandler.EndProcessRequest](http://msdn2.microsoft.com/en-us/library/bb354257) | Provides an asynchronous process End method when the process finishes. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate method | **System#Web#Util#ISyncContext#Enter** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate property | **System#Web#Util#ISyncContext#HttpContext** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate property | **System#Web#IRequestCompletedNotifier#IsRequestCompleted** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate property | [IHttpHandler.IsReusable](http://msdn2.microsoft.com/en-us/library/bb350943) | Gets a Boolean value indicating whether another request can use the [IHttpHandler](http://msdn2.microsoft.com/en-us/library/7ezc17x8) object. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate method | [IHttpHandler.ProcessRequest](http://msdn2.microsoft.com/en-us/library/bb292181) | Enables processing of HTTP Web requests by a custom HTTP handler that implements the [IHttpHandler](http://msdn2.microsoft.com/en-us/library/7ezc17x8) interface. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## See Also

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication Constructor

Initializes a new instance of the [MvcApplication](#_9225DA1D_Topic) class

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MvcApplication() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MvcApplication() |

|  |
| --- |
| F# |
| new : unit -> MvcApplication |

## See Also

[MvcApplication Class](#_9225DA1D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication.MvcApplication Properties

The [MvcApplication](#_9225DA1D_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected property | **AppEvent** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Application](http://msdn2.microsoft.com/en-us/library/42k64d1f) | Gets the current state of an application. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **AsyncResult** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Context](http://msdn2.microsoft.com/en-us/library/1cwkw1ff) | Gets HTTP-specific information about the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **CurrentModuleCollectionKey** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **EntityBuffer** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | [Events](http://msdn2.microsoft.com/en-us/library/54d9fhx2) | Gets the list of event handler delegates that process all application events. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **IsRequestCompleted** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected property | **LastError** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Modules](http://msdn2.microsoft.com/en-us/library/kw8fzxy6) | Gets the collection of modules for the current application. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/sx0sthyf) | Gets the intrinsic request object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/2h934769) | Gets the intrinsic response object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/tz0czzcx) | Gets the intrinsic server object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/db4kkyb1) | Gets the intrinsic session object that provides access to session data. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [Site](http://msdn2.microsoft.com/en-us/library/61yw5wty) | Gets or sets a site interface for an [IComponent](http://msdn2.microsoft.com/en-us/library/e4w667z9) implementation. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/h4aebfxt) | Gets the intrinsic user object for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate property | **System#Web#Util#ISyncContext#HttpContext** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate property | **System#Web#IRequestCompletedNotifier#IsRequestCompleted** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate property | [IHttpHandler.IsReusable](http://msdn2.microsoft.com/en-us/library/bb350943) | Gets a Boolean value indicating whether another request can use the [IHttpHandler](http://msdn2.microsoft.com/en-us/library/7ezc17x8) object. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## See Also

[MvcApplication Class](#_9225DA1D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication.MvcApplication Methods

The [MvcApplication](#_9225DA1D_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **AcquireNotifcationContextLock** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAcquireRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/30dbw42y) | Adds the specified [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event to the collection of asynchronous [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAcquireRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/t8064146) | Adds the specified [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event to the collection of asynchronous [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthenticateRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/bzthx3ak) | Adds the specified [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event to the collection of asynchronous [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthenticateRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ws65zw54) | Adds the specified [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event to the collection of asynchronous [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthorizeRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/kcyh9kc0) | Adds the specified [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event to the collection of asynchronous [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnAuthorizeRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/twd37w0d) | Adds the specified [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event to the collection of asynchronous [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnBeginRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/7d929d82) | Adds the specified [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event to the collection of asynchronous [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnBeginRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/00e2t043) | Adds the specified [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event to the collection of asynchronous [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnEndRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/zkh2afa3) | Adds the specified [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event to the collection of asynchronous [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnEndRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/f5txdbdd) | Adds the specified [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event to the collection of asynchronous [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnLogRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ms586655) | Adds the specified [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event to the collection of asynchronous [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnLogRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ms586657) | Adds the specified [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event to the collection of asynchronous [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnMapRequestHandlerAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ms586658) | Adds the specified [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event to the collection of asynchronous [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnMapRequestHandlerAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ms586670) | Adds the specified [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event to the collection of asynchronous [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAcquireRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/kdd7c9ex) | Adds the specified [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event to the collection of asynchronous [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAcquireRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/43dfe8t7) | Adds the specified [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event to the collection of asynchronous [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthenticateRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ch2wh2t0) | Adds the specified [PostAuthenticateRequest](http://msdn2.microsoft.com/en-us/library/67zz7095) event to the collection of asynchronous [PostAuthenticateRequest](http://msdn2.microsoft.com/en-us/library/67zz7095) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthenticateRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/xctaezwk) | Adds the specified [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event to the collection of asynchronous [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthorizeRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ebk0tkw0) | Adds the specified [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event to the collection of asynchronous [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostAuthorizeRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/45b4b493) | Adds the specified [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) to the collection of asynchronous [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostLogRequestAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ms586671) | Adds the specified [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event to the collection of asynchronous [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostLogRequestAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ms586672) | Adds the specified [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event to the collection of asynchronous [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostMapRequestHandlerAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/9c583a8b) | Adds the specified [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event to the collection of asynchronous [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostMapRequestHandlerAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/1339d100) | Adds the specified [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event to the collection of asynchronous [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostReleaseRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/6beza5c1) | Adds the specified [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event to the collection of asynchronous [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostReleaseRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/f3dtzs8x) | Adds the specified [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event to the collection of asynchronous [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/8f759s7b) | Adds the specified [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event to the collection of asynchronous [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/7t97a6ct) | Adds the specified [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event to the collection of asynchronous [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostResolveRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/ssc4b2wk) | Adds the specified [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event to the collection of asynchronous [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostResolveRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/hytdxz36) | Adds the specified [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event to the collection of asynchronous [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/39fae0kz) | Adds the specified [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event to the collection of asynchronous [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPostUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/ckts6a04) | Adds the specified [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event to the collection of asynchronous [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPreRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/397k349z) | Adds the specified [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event to the collection of asynchronous [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnPreRequestHandlerExecuteAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/3ts11k4x) | Adds the specified [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event to the collection of asynchronous [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnReleaseRequestStateAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/b3hhafdk) | Adds the specified [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event to the collection of asynchronous [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnReleaseRequestStateAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/4sck4zyh) | Adds the specified [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event to the collection of asynchronous [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnResolveRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/xb3awsy0) | Adds the specified [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handler to the collection of asynchronous [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnResolveRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/a368de6w) | Adds the specified [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handler to the collection of asynchronous [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler)](http://msdn2.microsoft.com/en-us/library/9awt7x0y) | Adds the specified [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event to the collection of asynchronous [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [AddOnUpdateRequestCacheAsync(BeginEventHandler, EndEventHandler, Object)](http://msdn2.microsoft.com/en-us/library/s5e9a9t5) | Adds the specified [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event to the collection of asynchronous [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) event handlers for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **AddSyncEventHookup** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | [Application\_Start](#_158E66BD_Topic) |  |
| Protected method | **AssignContext** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **BeginProcessRequestNotification** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ClearError** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [CompleteRequest](http://msdn2.microsoft.com/en-us/library/1tsh6s5y) | Causes ASP.NET to bypass all events and filtering in the HTTP pipeline chain of execution and directly execute the [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) event. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **CreateImplicitAsyncPreloadExecutionStep** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [Dispose](http://msdn2.microsoft.com/en-us/library/87akk935) | Disposes the [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw) instance. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **DisposeInternal** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **EndProcessRequestNotification** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **EnsureReleaseState** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | **ExecuteStep** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetOutputCacheProviderName](http://msdn2.microsoft.com/en-us/library/dd384971) | Gets the name of the default output-cache provider that is configured for a Web site. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetVaryByCustomString](http://msdn2.microsoft.com/en-us/library/yhake8cf) | Provides an application-wide implementation of the [VaryByCustom](http://msdn2.microsoft.com/en-us/library/yy231yfz) property. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [Init](http://msdn2.microsoft.com/en-us/library/x0zxwesb) | Executes custom initialization code after all event handler modules have been added. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **InitInternal** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **InitSpecial** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **MapHttpHandler** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **MapIntegratedHttpHandler** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | OnThreadEnter() | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **OnThreadEnter(Boolean)** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ProcessSpecialRequest** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RaiseErrorWithoutContext** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RaiseOnPreSendRequestContent** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RaiseOnPreSendRequestHeaders** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ReleaseAppInstance** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **ReleaseNotifcationContextLock** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RemoveSyncEventHookup(Object, Delegate, RequestNotification)** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected method | **RemoveSyncEventHookup(Object, Delegate, RequestNotification, Boolean)** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [IHttpAsyncHandler.BeginProcessRequest](http://msdn2.microsoft.com/en-us/library/bb339421) | Initiates an asynchronous call to the HTTP event handler. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate method | [IHttpAsyncHandler.EndProcessRequest](http://msdn2.microsoft.com/en-us/library/bb354257) | Provides an asynchronous process End method when the process finishes. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate method | **System#Web#Util#ISyncContext#Enter** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Explicit interface implementationPrivate method | [IHttpHandler.ProcessRequest](http://msdn2.microsoft.com/en-us/library/bb292181) | Enables processing of HTTP Web requests by a custom HTTP handler that implements the [IHttpHandler](http://msdn2.microsoft.com/en-us/library/7ezc17x8) interface. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## See Also

[MvcApplication Class](#_9225DA1D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication.Application\_Start Method

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| protected void Application\_Start() |

|  |
| --- |
| VB |
| Protected Sub Application\_Start |

|  |
| --- |
| C++ |
| protected: void Application\_Start() |

|  |
| --- |
| F# |
| member Application\_Start : unit -> unit |

## See Also

[MvcApplication Class](#_9225DA1D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication.MvcApplication Events

The [MvcApplication](#_9225DA1D_Topic) type exposes the following members.

## Events

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public event | [AcquireRequestState](http://msdn2.microsoft.com/en-us/library/6yste5ay) | Occurs when ASP.NET acquires the current state (for example, session state) that is associated with the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [AuthenticateRequest](http://msdn2.microsoft.com/en-us/library/k1at8z62) | Occurs when a security module has established the identity of the user. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [AuthorizeRequest](http://msdn2.microsoft.com/en-us/library/xhfy1ef5) | Occurs when a security module has verified user authorization. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [BeginRequest](http://msdn2.microsoft.com/en-us/library/49wht4s0) | Occurs as the first event in the HTTP pipeline chain of execution when ASP.NET responds to a request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Protected event | **DefaultAuthentication** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [Disposed](http://msdn2.microsoft.com/en-us/library/3s712903) | Occurs when the application is disposed. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [EndRequest](http://msdn2.microsoft.com/en-us/library/sw4a4825) | Occurs as the last event in the HTTP pipeline chain of execution when ASP.NET responds to a request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [Error](http://msdn2.microsoft.com/en-us/library/6kez280w) | Occurs when an unhandled exception is thrown. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) | Occurs just before ASP.NET performs any logging for the current request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [MapRequestHandler](http://msdn2.microsoft.com/en-us/library/ms586487) | Occurs when the handler is selected to respond to the request. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostAcquireRequestState](http://msdn2.microsoft.com/en-us/library/4w6we6yb) | Occurs when the request state (for example, session state) that is associated with the current request has been obtained. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostAuthenticateRequest](http://msdn2.microsoft.com/en-us/library/67zz7095) | Occurs when a security module has established the identity of the user. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostAuthorizeRequest](http://msdn2.microsoft.com/en-us/library/wafhxyb5) | Occurs when the user for the current request has been authorized. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostLogRequest](http://msdn2.microsoft.com/en-us/library/ms586488) | Occurs when ASP.NET has completed processing all the event handlers for the [LogRequest](http://msdn2.microsoft.com/en-us/library/ms586485) event. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostMapRequestHandler](http://msdn2.microsoft.com/en-us/library/14fy3yf5) | Occurs when ASP.NET has mapped the current request to the appropriate event handler. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostReleaseRequestState](http://msdn2.microsoft.com/en-us/library/7z7s2ec7) | Occurs when ASP.NET has completed executing all request event handlers and the request state data has been stored. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/fhtsesyb) | Occurs when the ASP.NET event handler (for example, a page or an XML Web service) finishes execution. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostResolveRequestCache](http://msdn2.microsoft.com/en-us/library/e3x32tea) | Occurs when ASP.NET bypasses execution of the current event handler and allows a caching module to serve a request from the cache. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PostUpdateRequestCache](http://msdn2.microsoft.com/en-us/library/wx7zfab6) | Occurs when ASP.NET finishes updating caching modules and storing responses that are used to serve subsequent requests from the cache. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PreRequestHandlerExecute](http://msdn2.microsoft.com/en-us/library/kbakdc41) | Occurs just before ASP.NET starts executing an event handler (for example, a page or an XML Web service). (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PreSendRequestContent](http://msdn2.microsoft.com/en-us/library/8f0a3yh3) | Occurs just before ASP.NET sends content to the client. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [PreSendRequestHeaders](http://msdn2.microsoft.com/en-us/library/6bks0yff) | Occurs just before ASP.NET sends HTTP headers to the client. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [ReleaseRequestState](http://msdn2.microsoft.com/en-us/library/c8136c2h) | Occurs after ASP.NET finishes executing all request event handlers. This event causes state modules to save the current state data. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [RequestCompleted](http://msdn2.microsoft.com/en-us/library/hh195544) | Occurs when the managed objects that are associated with the request have been released. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [ResolveRequestCache](http://msdn2.microsoft.com/en-us/library/s973hfb4) | Occurs when ASP.NET finishes an authorization event to let the caching modules serve requests from the cache, bypassing execution of the event handler (for example, a page or an XML Web service). (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |
| Public event | [UpdateRequestCache](http://msdn2.microsoft.com/en-us/library/bc44f3sw) | Occurs when ASP.NET finishes executing an event handler in order to let caching modules store responses that will be used to serve subsequent requests from the cache. (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## See Also

[MvcApplication Class](#_9225DA1D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# MvcApplication.MvcApplication Fields

The [MvcApplication](#_9225DA1D_Topic) type exposes the following members.

## Fields

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected field | **ApplicationInstanceConsumersCounter** | (Inherited from [HttpApplication](http://msdn2.microsoft.com/en-us/library/4wt3wttw).) |

## See Also

[MvcApplication Class](#_9225DA1D_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# RouteConfig Class

Class to configure the route

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.RouteConfig

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class RouteConfig |

|  |
| --- |
| VB |
| Public Class RouteConfig |

|  |
| --- |
| C++ |
| public ref class RouteConfig |

|  |
| --- |
| F# |
| type RouteConfig = class end |

The **RouteConfig** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [RouteConfig](#_18BE1394_Topic) | Initializes a new instance of the **RouteConfig** class |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public methodStatic member | [RegisterRoutes](#_748D5733_Topic) | Method to register the routes |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement Namespace](#_FBE166F5_Topic)

# RouteConfig Constructor

Initializes a new instance of the [RouteConfig](#_A3AC7A45_Topic) class

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public RouteConfig() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: RouteConfig() |

|  |
| --- |
| F# |
| new : unit -> RouteConfig |

## See Also

[RouteConfig Class](#_A3AC7A45_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# RouteConfig.RouteConfig Methods

The [RouteConfig](#_A3AC7A45_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public methodStatic member | [RegisterRoutes](#_748D5733_Topic) | Method to register the routes |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[RouteConfig Class](#_A3AC7A45_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# RouteConfig.RegisterRoutes Method

Method to register the routes

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public static void RegisterRoutes(  RouteCollection routes ) |

|  |
| --- |
| VB |
| Public Shared Sub RegisterRoutes (   routes As RouteCollection ) |

|  |
| --- |
| C++ |
| public: static void RegisterRoutes(  RouteCollection^ routes ) |

|  |
| --- |
| F# |
| static member RegisterRoutes :   routes : RouteCollection -> unit |

#### Parameters

routes

Type: [System.Web.Routing.RouteCollection](http://msdn2.microsoft.com/en-us/library/cc680101)

the route collection

## See Also

[RouteConfig Class](#_A3AC7A45_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# Startup Class

The class to configure the application

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Startup

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class Startup |

|  |
| --- |
| VB |
| Public Class Startup |

|  |
| --- |
| C++ |
| public ref class Startup |

|  |
| --- |
| F# |
| type Startup = class end |

The **Startup** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Startup](#_4400491A_Topic) | Initializes a new instance of the **Startup** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public propertyStatic member | [UserManagerFactory](#_112D9DB2_Topic) | User manager factory |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Configuration](#_36CB0BC_Topic) | Method to configure the application |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement Namespace](#_FBE166F5_Topic)

# Startup Constructor

Initializes a new instance of the [Startup](#_C8F906DB_Topic) class

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public Startup() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: Startup() |

|  |
| --- |
| F# |
| new : unit -> Startup |

## See Also

[Startup Class](#_C8F906DB_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# Startup.Startup Properties

The [Startup](#_C8F906DB_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public propertyStatic member | [UserManagerFactory](#_112D9DB2_Topic) | User manager factory |

## See Also

[Startup Class](#_C8F906DB_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# Startup.UserManagerFactory Property

User manager factory

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public static Func<UserManager<AppUser>> UserManagerFactory { get; private set; } |

|  |
| --- |
| VB |
| Public Shared Property UserManagerFactory As Func(Of UserManager(Of AppUser))  Get  Private Set |

|  |
| --- |
| C++ |
| public: static property Func<UserManager<AppUser^>^>^ UserManagerFactory {  Func<UserManager<AppUser^>^>^ get ();  private: void set (Func<UserManager<AppUser^>^>^ value); } |

|  |
| --- |
| F# |
| static member UserManagerFactory : Func<UserManager<AppUser>> with get, private set |

#### Property Value

Type: [Func](http://msdn2.microsoft.com/en-us/library/bb534960)([UserManager](http://msdn2.microsoft.com/en-us/library/dn468199)([AppUser](#_996EEE3F_Topic)))

## See Also

[Startup Class](#_C8F906DB_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# Startup.Startup Methods

The [Startup](#_C8F906DB_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Configuration](#_36CB0BC_Topic) | Method to configure the application |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Startup Class](#_C8F906DB_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# Startup.Configuration Method

Method to configure the application

**Namespace:** [HostelManagement](#_FBE166F5_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public void Configuration(  IAppBuilder app ) |

|  |
| --- |
| VB |
| Public Sub Configuration (   app As IAppBuilder ) |

|  |
| --- |
| C++ |
| public: void Configuration(  IAppBuilder^ app ) |

|  |
| --- |
| F# |
| member Configuration :   app : IAppBuilder -> unit |

#### Parameters

app

Type: **IAppBuilder**

the app builder

## See Also

[Startup Class](#_C8F906DB_Topic)

[HostelManagement Namespace](#_FBE166F5_Topic)

# HostelManagement.Areas Namespaces

## Namespaces

|  |  |
| --- | --- |
| Namespace | Description |
| [HostelManagement.Areas.Administration](#_73F1BF2_Topic) | The admin area |
| [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic) | Controllers for admin area |
| [HostelManagement.Areas.Administration.Models](#_DD0A120F_Topic) | Models for admin area |
| [HostelManagement.Areas.Archive](#_A36AE88F_Topic) | The archive area |
| [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic) | Controllers for archive area |
| [HostelManagement.Areas.HostelMessManagement](#_5A4A291F_Topic) | The hostel mess management area |
| [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic) | Controllers for hostel mess management area |
| [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic) |  |

# HostelManagement.Areas.Administration Namespace

The admin area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [AdministrationAreaRegistration](#_36EE6B7D_Topic) | Class to register the admin area |

# AdministrationAreaRegistration Class

Class to register the admin area

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905)  
    HostelManagement.Areas.Administration.AdministrationAreaRegistration

**Namespace:** [HostelManagement.Areas.Administration](#_73F1BF2_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AdministrationAreaRegistration : AreaRegistration |

|  |
| --- |
| VB |
| Public Class AdministrationAreaRegistration  Inherits AreaRegistration |

|  |
| --- |
| C++ |
| public ref class AdministrationAreaRegistration : public AreaRegistration |

|  |
| --- |
| F# |
| type AdministrationAreaRegistration =   class  inherit AreaRegistration  end |

The **AdministrationAreaRegistration** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AdministrationAreaRegistration](#_658C0D2D_Topic) | Initializes a new instance of the **AdministrationAreaRegistration** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AreaName](#_40F807AD_Topic) | The name of the area (Overrides [AreaRegistration.AreaName()](http://msdn2.microsoft.com/en-us/library/ee407416).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CreateContextAndRegister** | (Inherited from [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [RegisterArea](#_85E351D1_Topic) | Method to register the area (Overrides [AreaRegistration.RegisterArea(AreaRegistrationContext)](http://msdn2.microsoft.com/en-us/library/ee407395).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.Administration Namespace](#_73F1BF2_Topic)

# AdministrationAreaRegistration Constructor

Initializes a new instance of the [AdministrationAreaRegistration](#_36EE6B7D_Topic) class

**Namespace:** [HostelManagement.Areas.Administration](#_73F1BF2_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AdministrationAreaRegistration() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AdministrationAreaRegistration() |

|  |
| --- |
| F# |
| new : unit -> AdministrationAreaRegistration |

## See Also

[AdministrationAreaRegistration Class](#_36EE6B7D_Topic)

[HostelManagement.Areas.Administration Namespace](#_73F1BF2_Topic)

# AdministrationAreaRegistration.AdministrationAreaRegistration Properties

The [AdministrationAreaRegistration](#_36EE6B7D_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AreaName](#_40F807AD_Topic) | The name of the area (Overrides [AreaRegistration.AreaName()](http://msdn2.microsoft.com/en-us/library/ee407416).) |

## See Also

[AdministrationAreaRegistration Class](#_36EE6B7D_Topic)

[HostelManagement.Areas.Administration Namespace](#_73F1BF2_Topic)

# AdministrationAreaRegistration.AreaName Property

The name of the area

**Namespace:** [HostelManagement.Areas.Administration](#_73F1BF2_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public override string AreaName { get; } |

|  |
| --- |
| VB |
| Public Overrides ReadOnly Property AreaName As String  Get |

|  |
| --- |
| C++ |
| public: virtual property String^ AreaName {  String^ get () override; } |

|  |
| --- |
| F# |
| abstract AreaName : string with get override AreaName : string with get |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AdministrationAreaRegistration Class](#_36EE6B7D_Topic)

[HostelManagement.Areas.Administration Namespace](#_73F1BF2_Topic)

# AdministrationAreaRegistration.AdministrationAreaRegistration Methods

The [AdministrationAreaRegistration](#_36EE6B7D_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CreateContextAndRegister** | (Inherited from [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [RegisterArea](#_85E351D1_Topic) | Method to register the area (Overrides [AreaRegistration.RegisterArea(AreaRegistrationContext)](http://msdn2.microsoft.com/en-us/library/ee407395).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AdministrationAreaRegistration Class](#_36EE6B7D_Topic)

[HostelManagement.Areas.Administration Namespace](#_73F1BF2_Topic)

# AdministrationAreaRegistration.RegisterArea Method

Method to register the area

**Namespace:** [HostelManagement.Areas.Administration](#_73F1BF2_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public override void RegisterArea(  AreaRegistrationContext context ) |

|  |
| --- |
| VB |
| Public Overrides Sub RegisterArea (   context As AreaRegistrationContext ) |

|  |
| --- |
| C++ |
| public: virtual void RegisterArea(  AreaRegistrationContext^ context ) override |

|  |
| --- |
| F# |
| abstract RegisterArea :   context : AreaRegistrationContext -> unit  override RegisterArea :   context : AreaRegistrationContext -> unit |

#### Parameters

context

Type: [AreaRegistrationContext](http://msdn2.microsoft.com/en-us/library/ee407422)

the context

## See Also

[AdministrationAreaRegistration Class](#_36EE6B7D_Topic)

[HostelManagement.Areas.Administration Namespace](#_73F1BF2_Topic)

# HostelManagement.Areas.Administration.Controllers Namespace

Controllers for admin area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [HomeController](#_4B5C528F_Topic) | Home controller for admin area |

# HomeController Class

Home controller for admin area

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950)  
    [Controller](http://msdn2.microsoft.com/en-us/library/dd460481)  
      HostelManagement.Areas.Administration.Controllers.HomeController

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [AuthorizeAttribute(Roles = "Admin")] public class HomeController : Controller |

|  |
| --- |
| VB |
| <AuthorizeAttribute(Roles := "Admin")> Public Class HomeController  Inherits Controller |

|  |
| --- |
| C++ |
| [AuthorizeAttribute(Roles = L"Admin")] public ref class HomeController : public Controller |

|  |
| --- |
| F# |
| [<AuthorizeAttribute(Roles = "Admin")>] type HomeController =   class  inherit Controller  end |

The **HomeController** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HomeController()](#_E7F85242_Topic) | Initializes a new instance of the **HomeController** class |
| Public method | [HomeController(UserManager(AppUser))](#_9FD11451_Topic) | Initializes a new instance of the **HomeController** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddUser()](#_67B17815_Topic) | Action Method to display the form to add a user |
| Public method | [AddUser(AddUserViewModel)](#_C2EB94C5_Topic) | Action Method to add user to the database |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](#_61B92905_Topic) | Releases the unmanaged resources used by the **HomeController** and optionally releases the managed resources (Overrides [Controller.Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_1D38EC61_Topic) | Action Method to display the index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_1E9AB0DE_Topic) | Action Method to logout the user |
| Public method | [MeetDevelopers](#_5B4C6C46_Topic) | Action method to display the meet developers page |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [RemoveUser()](#_D361BF14_Topic) | Action Method to display the form the remove a user |
| Public method | [RemoveUser(String)](#_6793975F_Topic) | Action Method to remove user by username |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController Constructor

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HomeController()](#_E7F85242_Topic) | Initializes a new instance of the [HomeController](#_4B5C528F_Topic) class |
| Public method | [HomeController(UserManager(AppUser))](#_9FD11451_Topic) | Initializes a new instance of the [HomeController](#_4B5C528F_Topic) class |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController Constructor

Initializes a new instance of the [HomeController](#_4B5C528F_Topic) class

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HomeController() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HomeController() |

|  |
| --- |
| F# |
| new : unit -> HomeController |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HomeController Overload](#_F44CC98B_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController Constructor (UserManager`1(AppUser))

Initializes a new instance of the [HomeController](#_4B5C528F_Topic) class

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HomeController(  UserManager<AppUser> userManager ) |

|  |
| --- |
| VB |
| Public Sub New (   userManager As UserManager(Of AppUser) ) |

|  |
| --- |
| C++ |
| public: HomeController(  UserManager<AppUser^>^ userManager ) |

|  |
| --- |
| F# |
| new :   userManager : UserManager<AppUser> -> HomeController |

#### Parameters

userManager

Type: [UserManager](http://msdn2.microsoft.com/en-us/library/dn468199)([AppUser](#_996EEE3F_Topic))

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HomeController Overload](#_F44CC98B_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.HomeController Properties

The [HomeController](#_4B5C528F_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.HomeController Methods

The [HomeController](#_4B5C528F_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddUser()](#_67B17815_Topic) | Action Method to display the form to add a user |
| Public method | [AddUser(AddUserViewModel)](#_C2EB94C5_Topic) | Action Method to add user to the database |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](#_61B92905_Topic) | (Overrides [Controller.Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_1D38EC61_Topic) | Action Method to display the index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_1E9AB0DE_Topic) | Action Method to logout the user |
| Public method | [MeetDevelopers](#_5B4C6C46_Topic) | Action method to display the meet developers page |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [RemoveUser()](#_D361BF14_Topic) | Action Method to display the form the remove a user |
| Public method | [RemoveUser(String)](#_6793975F_Topic) | Action Method to remove user by username |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.AddUser Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddUser()](#_67B17815_Topic) | Action Method to display the form to add a user |
| Public method | [AddUser(AddUserViewModel)](#_C2EB94C5_Topic) | Action Method to add user to the database |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.AddUser Method

Action Method to display the form to add a user

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult AddUser() |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function AddUser As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ AddUser() |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member AddUser : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[HomeController Class](#_4B5C528F_Topic)

[AddUser Overload](#_91A2F7A4_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.AddUser Method (AddUserViewModel)

Action Method to add user to the database

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public Task<ActionResult> AddUser(  AddUserViewModel model ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function AddUser (   model As AddUserViewModel ) As Task(Of ActionResult) |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] Task<ActionResult^>^ AddUser(  AddUserViewModel^ model ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member AddUser :   model : AddUserViewModel -> Task<ActionResult> |

#### Parameters

model

Type: [HostelManagement.Areas.Administration.Models.AddUserViewModel](#_D5A20019_Topic)

the user as specified by the admin

#### Return Value

Type: [Task](http://msdn2.microsoft.com/en-us/library/dd321424)([ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064))  
View

## See Also

[HomeController Class](#_4B5C528F_Topic)

[AddUser Overload](#_91A2F7A4_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.Dispose Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](#_61B92905_Topic) | Releases the unmanaged resources used by the [HomeController](#_4B5C528F_Topic) and optionally releases the managed resources (Overrides [Controller.Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699).) |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.Dispose Method (Boolean)

Releases the unmanaged resources used by the [HomeController](#_4B5C528F_Topic) and optionally releases the managed resources

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| protected override void Dispose(  bool disposing ) |

|  |
| --- |
| VB |
| Protected Overrides Sub Dispose (   disposing As Boolean ) |

|  |
| --- |
| C++ |
| protected: virtual void Dispose(  bool disposing ) override |

|  |
| --- |
| F# |
| abstract Dispose :   disposing : bool -> unit  override Dispose :   disposing : bool -> unit |

#### Parameters

disposing

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

True to release both managed and unmanaged resources; false to release only unmanaged resources

## See Also

[HomeController Class](#_4B5C528F_Topic)

[Dispose Overload](#_4D3CA3BD_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.Index Method

Action Method to display the index

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Index() |

|  |
| --- |
| VB |
| Public Function Index As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Index() |

|  |
| --- |
| F# |
| member Index : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
Views

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.Logout Method

Action Method to logout the user

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Logout() |

|  |
| --- |
| VB |
| Public Function Logout As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Logout() |

|  |
| --- |
| F# |
| member Logout : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.MeetDevelopers Method

Action method to display the meet developers page

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult MeetDevelopers() |

|  |
| --- |
| VB |
| Public Function MeetDevelopers As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ MeetDevelopers() |

|  |
| --- |
| F# |
| member MeetDevelopers : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.RemoveUser Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [RemoveUser()](#_D361BF14_Topic) | Action Method to display the form the remove a user |
| Public method | [RemoveUser(String)](#_6793975F_Topic) | Action Method to remove user by username |

## See Also

[HomeController Class](#_4B5C528F_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.RemoveUser Method

Action Method to display the form the remove a user

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult RemoveUser() |

|  |
| --- |
| VB |
| Public Function RemoveUser As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ RemoveUser() |

|  |
| --- |
| F# |
| member RemoveUser : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[HomeController Class](#_4B5C528F_Topic)

[RemoveUser Overload](#_E563693D_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HomeController.RemoveUser Method (String)

Action Method to remove user by username

**Namespace:** [HostelManagement.Areas.Administration.Controllers](#_330CD13C_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult RemoveUser(  string username ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function RemoveUser (   username As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ RemoveUser(  String^ username ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member RemoveUser :   username : string -> ActionResult |

#### Parameters

username

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

username of user to be removed

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
string depicting error or success

## See Also

[HomeController Class](#_4B5C528F_Topic)

[RemoveUser Overload](#_E563693D_Topic)

[HostelManagement.Areas.Administration.Controllers Namespace](#_330CD13C_Topic)

# HostelManagement.Areas.Administration.Models Namespace

Models for admin area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [AddUserViewModel](#_D5A20019_Topic) | View model for add user form |

# AddUserViewModel Class

View model for add user form

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.Administration.Models.AddUserViewModel

**Namespace:** [HostelManagement.Areas.Administration.Models](#_DD0A120F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AddUserViewModel |

|  |
| --- |
| VB |
| Public Class AddUserViewModel |

|  |
| --- |
| C++ |
| public ref class AddUserViewModel |

|  |
| --- |
| F# |
| type AddUserViewModel = class end |

The **AddUserViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddUserViewModel](#_E79ED871_Topic) | Initializes a new instance of the **AddUserViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Password](#_4DC7B9B2_Topic) | Unencrypted password |
| Public property | [Role](#_CDEB12E9_Topic) | The role of the user |
| Public property | [Username](#_2B006C4_Topic) | User name used for login |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# AddUserViewModel Constructor

Initializes a new instance of the [AddUserViewModel](#_D5A20019_Topic) class

**Namespace:** [HostelManagement.Areas.Administration.Models](#_DD0A120F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AddUserViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AddUserViewModel() |

|  |
| --- |
| F# |
| new : unit -> AddUserViewModel |

## See Also

[AddUserViewModel Class](#_D5A20019_Topic)

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# AddUserViewModel.AddUserViewModel Properties

The [AddUserViewModel](#_D5A20019_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Password](#_4DC7B9B2_Topic) | Unencrypted password |
| Public property | [Role](#_CDEB12E9_Topic) | The role of the user |
| Public property | [Username](#_2B006C4_Topic) | User name used for login |

## See Also

[AddUserViewModel Class](#_D5A20019_Topic)

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# AddUserViewModel.Password Property

Unencrypted password

**Namespace:** [HostelManagement.Areas.Administration.Models](#_DD0A120F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Password")] [DataTypeAttribute(DataType.Password)] public string Password { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Password")> <DataTypeAttribute(DataType.Password)> Public Property Password As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Password")] [DataTypeAttribute(DataType::Password)] property String^ Password {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Password")>] [<DataTypeAttribute(DataType.Password)>] member Password : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AddUserViewModel Class](#_D5A20019_Topic)

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# AddUserViewModel.Role Property

The role of the user

**Namespace:** [HostelManagement.Areas.Administration.Models](#_DD0A120F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Role")] public string Role { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Role")> Public Property Role As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Role")] property String^ Role {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Role")>] member Role : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AddUserViewModel Class](#_D5A20019_Topic)

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# AddUserViewModel.Username Property

User name used for login

**Namespace:** [HostelManagement.Areas.Administration.Models](#_DD0A120F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "UserName")] public string Username { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "UserName")> Public Property Username As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"UserName")] property String^ Username {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "UserName")>] member Username : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AddUserViewModel Class](#_D5A20019_Topic)

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# AddUserViewModel.AddUserViewModel Methods

The [AddUserViewModel](#_D5A20019_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AddUserViewModel Class](#_D5A20019_Topic)

[HostelManagement.Areas.Administration.Models Namespace](#_DD0A120F_Topic)

# HostelManagement.Areas.Archive Namespace

The archive area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [ArchiveAreaRegistration](#_FC0414D7_Topic) | Class to register the archive area |

# ArchiveAreaRegistration Class

Class to register the archive area

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905)  
    HostelManagement.Areas.Archive.ArchiveAreaRegistration

**Namespace:** [HostelManagement.Areas.Archive](#_A36AE88F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class ArchiveAreaRegistration : AreaRegistration |

|  |
| --- |
| VB |
| Public Class ArchiveAreaRegistration  Inherits AreaRegistration |

|  |
| --- |
| C++ |
| public ref class ArchiveAreaRegistration : public AreaRegistration |

|  |
| --- |
| F# |
| type ArchiveAreaRegistration =   class  inherit AreaRegistration  end |

The **ArchiveAreaRegistration** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ArchiveAreaRegistration](#_90D94615_Topic) | Initializes a new instance of the **ArchiveAreaRegistration** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AreaName](#_214FBE90_Topic) | The name of the area (Overrides [AreaRegistration.AreaName()](http://msdn2.microsoft.com/en-us/library/ee407416).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CreateContextAndRegister** | (Inherited from [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [RegisterArea](#_E1592DA6_Topic) | Method to register the area (Overrides [AreaRegistration.RegisterArea(AreaRegistrationContext)](http://msdn2.microsoft.com/en-us/library/ee407395).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.Archive Namespace](#_A36AE88F_Topic)

# ArchiveAreaRegistration Constructor

Initializes a new instance of the [ArchiveAreaRegistration](#_FC0414D7_Topic) class

**Namespace:** [HostelManagement.Areas.Archive](#_A36AE88F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ArchiveAreaRegistration() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: ArchiveAreaRegistration() |

|  |
| --- |
| F# |
| new : unit -> ArchiveAreaRegistration |

## See Also

[ArchiveAreaRegistration Class](#_FC0414D7_Topic)

[HostelManagement.Areas.Archive Namespace](#_A36AE88F_Topic)

# ArchiveAreaRegistration.ArchiveAreaRegistration Properties

The [ArchiveAreaRegistration](#_FC0414D7_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AreaName](#_214FBE90_Topic) | The name of the area (Overrides [AreaRegistration.AreaName()](http://msdn2.microsoft.com/en-us/library/ee407416).) |

## See Also

[ArchiveAreaRegistration Class](#_FC0414D7_Topic)

[HostelManagement.Areas.Archive Namespace](#_A36AE88F_Topic)

# ArchiveAreaRegistration.AreaName Property

The name of the area

**Namespace:** [HostelManagement.Areas.Archive](#_A36AE88F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public override string AreaName { get; } |

|  |
| --- |
| VB |
| Public Overrides ReadOnly Property AreaName As String  Get |

|  |
| --- |
| C++ |
| public: virtual property String^ AreaName {  String^ get () override; } |

|  |
| --- |
| F# |
| abstract AreaName : string with get override AreaName : string with get |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[ArchiveAreaRegistration Class](#_FC0414D7_Topic)

[HostelManagement.Areas.Archive Namespace](#_A36AE88F_Topic)

# ArchiveAreaRegistration.ArchiveAreaRegistration Methods

The [ArchiveAreaRegistration](#_FC0414D7_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CreateContextAndRegister** | (Inherited from [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [RegisterArea](#_E1592DA6_Topic) | Method to register the area (Overrides [AreaRegistration.RegisterArea(AreaRegistrationContext)](http://msdn2.microsoft.com/en-us/library/ee407395).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[ArchiveAreaRegistration Class](#_FC0414D7_Topic)

[HostelManagement.Areas.Archive Namespace](#_A36AE88F_Topic)

# ArchiveAreaRegistration.RegisterArea Method

Method to register the area

**Namespace:** [HostelManagement.Areas.Archive](#_A36AE88F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public override void RegisterArea(  AreaRegistrationContext context ) |

|  |
| --- |
| VB |
| Public Overrides Sub RegisterArea (   context As AreaRegistrationContext ) |

|  |
| --- |
| C++ |
| public: virtual void RegisterArea(  AreaRegistrationContext^ context ) override |

|  |
| --- |
| F# |
| abstract RegisterArea :   context : AreaRegistrationContext -> unit  override RegisterArea :   context : AreaRegistrationContext -> unit |

#### Parameters

context

Type: [AreaRegistrationContext](http://msdn2.microsoft.com/en-us/library/ee407422)

the context

## See Also

[ArchiveAreaRegistration Class](#_FC0414D7_Topic)

[HostelManagement.Areas.Archive Namespace](#_A36AE88F_Topic)

# HostelManagement.Areas.Archive.Controllers Namespace

Controllers for archive area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [HomeController](#_93392BCD_Topic) | Home controller for Archive |

# HomeController Class

Home controller for Archive

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950)  
    [Controller](http://msdn2.microsoft.com/en-us/library/dd460481)  
      HostelManagement.Areas.Archive.Controllers.HomeController

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [AuthorizeAttribute(Roles = "User,Manager")] public class HomeController : Controller |

|  |
| --- |
| VB |
| <AuthorizeAttribute(Roles := "User,Manager")> Public Class HomeController  Inherits Controller |

|  |
| --- |
| C++ |
| [AuthorizeAttribute(Roles = L"User,Manager")] public ref class HomeController : public Controller |

|  |
| --- |
| F# |
| [<AuthorizeAttribute(Roles = "User,Manager")>] type HomeController =   class  inherit Controller  end |

The **HomeController** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HomeController](#_EA99A1BC_Topic) | Initializes a new instance of the **HomeController** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_CCF1A59D_Topic) | Action method to display the index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_BADA05EA_Topic) | Action method to log out user |
| Public method | [MeetDevelopers](#_7E6EA121_Topic) | Action method to display meet developers page |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ViewStudent()](#_CDF2872D_Topic) | Action Method to display form to search for a student |
| Public method | [ViewStudent(StudentSearchViewModel)](#_2F20EF3A_Topic) | Action method to display student details |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController Constructor

Initializes a new instance of the [HomeController](#_93392BCD_Topic) class

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HomeController() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HomeController() |

|  |
| --- |
| F# |
| new : unit -> HomeController |

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.HomeController Properties

The [HomeController](#_93392BCD_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.HomeController Methods

The [HomeController](#_93392BCD_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_CCF1A59D_Topic) | Action method to display the index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_BADA05EA_Topic) | Action method to log out user |
| Public method | [MeetDevelopers](#_7E6EA121_Topic) | Action method to display meet developers page |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ViewStudent()](#_CDF2872D_Topic) | Action Method to display form to search for a student |
| Public method | [ViewStudent(StudentSearchViewModel)](#_2F20EF3A_Topic) | Action method to display student details |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.Index Method

Action method to display the index

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Index() |

|  |
| --- |
| VB |
| Public Function Index As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Index() |

|  |
| --- |
| F# |
| member Index : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.Logout Method

Action method to log out user

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Logout() |

|  |
| --- |
| VB |
| Public Function Logout As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Logout() |

|  |
| --- |
| F# |
| member Logout : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.MeetDevelopers Method

Action method to display meet developers page

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult MeetDevelopers() |

|  |
| --- |
| VB |
| Public Function MeetDevelopers As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ MeetDevelopers() |

|  |
| --- |
| F# |
| member MeetDevelopers : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.ViewStudent Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ViewStudent()](#_CDF2872D_Topic) | Action Method to display form to search for a student |
| Public method | [ViewStudent(StudentSearchViewModel)](#_2F20EF3A_Topic) | Action method to display student details |

## See Also

[HomeController Class](#_93392BCD_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.ViewStudent Method

Action Method to display form to search for a student

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ViewStudent() |

|  |
| --- |
| VB |
| Public Function ViewStudent As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ViewStudent() |

|  |
| --- |
| F# |
| member ViewStudent : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_93392BCD_Topic)

[ViewStudent Overload](#_E80F51D4_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HomeController.ViewStudent Method (StudentSearchViewModel)

Action method to display student details

**Namespace:** [HostelManagement.Areas.Archive.Controllers](#_E553EB2E_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult ViewStudent(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function ViewStudent (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ ViewStudent(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member ViewStudent :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

the form filled by user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
partial view containing the student details or an error message

## See Also

[HomeController Class](#_93392BCD_Topic)

[ViewStudent Overload](#_E80F51D4_Topic)

[HostelManagement.Areas.Archive.Controllers Namespace](#_E553EB2E_Topic)

# HostelManagement.Areas.HostelMessManagement Namespace

The hostel mess management area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [HostelMessManagementAreaRegistration](#_6CBA35AF_Topic) | Class to register the hostel mess management area |

# HostelMessManagementAreaRegistration Class

Class to register the hostel mess management area

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905)  
    HostelManagement.Areas.HostelMessManagement.HostelMessManagementAreaRegistration

**Namespace:** [HostelManagement.Areas.HostelMessManagement](#_5A4A291F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelMessManagementAreaRegistration : AreaRegistration |

|  |
| --- |
| VB |
| Public Class HostelMessManagementAreaRegistration  Inherits AreaRegistration |

|  |
| --- |
| C++ |
| public ref class HostelMessManagementAreaRegistration : public AreaRegistration |

|  |
| --- |
| F# |
| type HostelMessManagementAreaRegistration =   class  inherit AreaRegistration  end |

The **HostelMessManagementAreaRegistration** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelMessManagementAreaRegistration](#_20B76DA8_Topic) | Initializes a new instance of the **HostelMessManagementAreaRegistration** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AreaName](#_8B30E91F_Topic) | The name of the area (Overrides [AreaRegistration.AreaName()](http://msdn2.microsoft.com/en-us/library/ee407416).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CreateContextAndRegister** | (Inherited from [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [RegisterArea](#_19FB4B95_Topic) | Method to register the area (Overrides [AreaRegistration.RegisterArea(AreaRegistrationContext)](http://msdn2.microsoft.com/en-us/library/ee407395).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement Namespace](#_5A4A291F_Topic)

# HostelMessManagementAreaRegistration Constructor

Initializes a new instance of the [HostelMessManagementAreaRegistration](#_6CBA35AF_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement](#_5A4A291F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelMessManagementAreaRegistration() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelMessManagementAreaRegistration() |

|  |
| --- |
| F# |
| new : unit -> HostelMessManagementAreaRegistration |

## See Also

[HostelMessManagementAreaRegistration Class](#_6CBA35AF_Topic)

[HostelManagement.Areas.HostelMessManagement Namespace](#_5A4A291F_Topic)

# HostelMessManagementAreaRegistration.HostelMessManagementAreaRegistration Properties

The [HostelMessManagementAreaRegistration](#_6CBA35AF_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [AreaName](#_8B30E91F_Topic) | The name of the area (Overrides [AreaRegistration.AreaName()](http://msdn2.microsoft.com/en-us/library/ee407416).) |

## See Also

[HostelMessManagementAreaRegistration Class](#_6CBA35AF_Topic)

[HostelManagement.Areas.HostelMessManagement Namespace](#_5A4A291F_Topic)

# HostelMessManagementAreaRegistration.AreaName Property

The name of the area

**Namespace:** [HostelManagement.Areas.HostelMessManagement](#_5A4A291F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public override string AreaName { get; } |

|  |
| --- |
| VB |
| Public Overrides ReadOnly Property AreaName As String  Get |

|  |
| --- |
| C++ |
| public: virtual property String^ AreaName {  String^ get () override; } |

|  |
| --- |
| F# |
| abstract AreaName : string with get override AreaName : string with get |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelMessManagementAreaRegistration Class](#_6CBA35AF_Topic)

[HostelManagement.Areas.HostelMessManagement Namespace](#_5A4A291F_Topic)

# HostelMessManagementAreaRegistration.HostelMessManagementAreaRegistration Methods

The [HostelMessManagementAreaRegistration](#_6CBA35AF_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | **CreateContextAndRegister** | (Inherited from [AreaRegistration](http://msdn2.microsoft.com/en-us/library/ee402905).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [RegisterArea](#_19FB4B95_Topic) | Method to register the area (Overrides [AreaRegistration.RegisterArea(AreaRegistrationContext)](http://msdn2.microsoft.com/en-us/library/ee407395).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelMessManagementAreaRegistration Class](#_6CBA35AF_Topic)

[HostelManagement.Areas.HostelMessManagement Namespace](#_5A4A291F_Topic)

# HostelMessManagementAreaRegistration.RegisterArea Method

Method to register the area

**Namespace:** [HostelManagement.Areas.HostelMessManagement](#_5A4A291F_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public override void RegisterArea(  AreaRegistrationContext context ) |

|  |
| --- |
| VB |
| Public Overrides Sub RegisterArea (   context As AreaRegistrationContext ) |

|  |
| --- |
| C++ |
| public: virtual void RegisterArea(  AreaRegistrationContext^ context ) override |

|  |
| --- |
| F# |
| abstract RegisterArea :   context : AreaRegistrationContext -> unit  override RegisterArea :   context : AreaRegistrationContext -> unit |

#### Parameters

context

Type: [AreaRegistrationContext](http://msdn2.microsoft.com/en-us/library/ee407422)

the context

## See Also

[HostelMessManagementAreaRegistration Class](#_6CBA35AF_Topic)

[HostelManagement.Areas.HostelMessManagement Namespace](#_5A4A291F_Topic)

# HostelManagement.Areas.HostelMessManagement.Controllers Namespace

Controllers for hostel mess management area

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [ManagerController](#_4620ABB3_Topic) | Controller for Manager |
| Public class | [UserController](#_506C812F_Topic) | Controller for User |

# ManagerController Class

Controller for Manager

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950)  
    [Controller](http://msdn2.microsoft.com/en-us/library/dd460481)  
      HostelManagement.Areas.HostelMessManagement.Controllers.ManagerController

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [AuthorizeAttribute(Roles = "Manager")] public class ManagerController : Controller |

|  |
| --- |
| VB |
| <AuthorizeAttribute(Roles := "Manager")> Public Class ManagerController  Inherits Controller |

|  |
| --- |
| C++ |
| [AuthorizeAttribute(Roles = L"Manager")] public ref class ManagerController : public Controller |

|  |
| --- |
| F# |
| [<AuthorizeAttribute(Roles = "Manager")>] type ManagerController =   class  inherit Controller  end |

The **ManagerController** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ManagerController](#_94276703_Topic) | Initializes a new instance of the **ManagerController** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ChangeFees(SearchViewModel)](#_872E9AE_Topic) | Action Method to display a form to update the hostel fees |
| Public method | [ChangeFees(String, String)](#_D8F3C7F9_Topic) | Action Method to serve the form to change fees |
| Public method | [ChangeMessFees](#_5AC55B93_Topic) | Action Method to save the changes (daily mess charges) to the database |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateReport()](#_A0A8F2C3_Topic) | Action method to display a form to select the type of report |
| Public method | [GenerateReport(String)](#_13654E8D_Topic) | Action method to get the form to filled after selecting the report type |
| Public method | [GenerateReportByAmount](#_DF15EAF8_Topic) | Action method to generate report by amount range |
| Public method | [GenerateReportByBID](#_AB45C036_Topic) | Action method to generate the report using BID ranges |
| Public method | [GenerateReportByDate](#_72E7B2B7_Topic) | Action method to generate a report based on date range |
| Public method | [GenerateReportByDropDown](#_EE2D4720_Topic) | Action method to generate report based on value |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_8A83792F_Topic) | Action Method to display Index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_60B9DE6B_Topic) | Action Method to logout the user |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Private method | [SetUpDropDown](#_D08AAABA_Topic) | Helper method to set the list drop down for report generation |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [UpdateFees](#_6283B213_Topic) | Action Method to save the changes to the fees made by the user |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController Constructor

Initializes a new instance of the [ManagerController](#_4620ABB3_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ManagerController() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: ManagerController() |

|  |
| --- |
| F# |
| new : unit -> ManagerController |

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.ManagerController Properties

The [ManagerController](#_4620ABB3_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.ManagerController Methods

The [ManagerController](#_4620ABB3_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ChangeFees(SearchViewModel)](#_872E9AE_Topic) | Action Method to display a form to update the hostel fees |
| Public method | [ChangeFees(String, String)](#_D8F3C7F9_Topic) | Action Method to serve the form to change fees |
| Public method | [ChangeMessFees](#_5AC55B93_Topic) | Action Method to save the changes (daily mess charges) to the database |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateReport()](#_A0A8F2C3_Topic) | Action method to display a form to select the type of report |
| Public method | [GenerateReport(String)](#_13654E8D_Topic) | Action method to get the form to filled after selecting the report type |
| Public method | [GenerateReportByAmount](#_DF15EAF8_Topic) | Action method to generate report by amount range |
| Public method | [GenerateReportByBID](#_AB45C036_Topic) | Action method to generate the report using BID ranges |
| Public method | [GenerateReportByDate](#_72E7B2B7_Topic) | Action method to generate a report based on date range |
| Public method | [GenerateReportByDropDown](#_EE2D4720_Topic) | Action method to generate report based on value |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_8A83792F_Topic) | Action Method to display Index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_60B9DE6B_Topic) | Action Method to logout the user |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Private method | [SetUpDropDown](#_D08AAABA_Topic) | Helper method to set the list drop down for report generation |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [UpdateFees](#_6283B213_Topic) | Action Method to save the changes to the fees made by the user |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.ChangeFees Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ChangeFees(SearchViewModel)](#_872E9AE_Topic) | Action Method to display a form to update the hostel fees |
| Public method | [ChangeFees(String, String)](#_D8F3C7F9_Topic) | Action Method to serve the form to change fees |

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.ChangeFees Method (SearchViewModel)

Action Method to display a form to update the hostel fees

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ChangeFees(  SearchViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function ChangeFees (   userInput As SearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ChangeFees(  SearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| member ChangeFees :   userInput : SearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.SearchViewModel](#_51729BDA_Topic)

the serach query as input by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
Partial View

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[ChangeFees Overload](#_13DCB096_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.ChangeFees Method (String, String)

Action Method to serve the form to change fees

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult ChangeFees(  string gender,  string roomType1 ) |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function ChangeFees (   gender As String,  roomType1 As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ ChangeFees(  String^ gender,   String^ roomType1 ) |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member ChangeFees :   gender : string \*   roomType1 : string -> ActionResult |

#### Parameters

gender

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the gender of the student

roomType1

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the room type of the allotted room

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[ChangeFees Overload](#_13DCB096_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.ChangeMessFees Method

Action Method to save the changes (daily mess charges) to the database

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ChangeMessFees(  MessChargesViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function ChangeMessFees (   userInput As MessChargesViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ChangeMessFees(  MessChargesViewModel^ userInput ) |

|  |
| --- |
| F# |
| member ChangeMessFees :   userInput : MessChargesViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.MessChargesViewModel](#_77CF92F5_Topic)

the fees as updated by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
Partial View or Success Message

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReport Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [GenerateReport()](#_A0A8F2C3_Topic) | Action method to display a form to select the type of report |
| Public method | [GenerateReport(String)](#_13654E8D_Topic) | Action method to get the form to filled after selecting the report type |

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReport Method

Action method to display a form to select the type of report

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GenerateReport() |

|  |
| --- |
| VB |
| Public Function GenerateReport As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GenerateReport() |

|  |
| --- |
| F# |
| member GenerateReport : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
a view

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[GenerateReport Overload](#_F658CF51_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReport Method (String)

Action method to get the form to filled after selecting the report type

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult GenerateReport(  string reportType ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function GenerateReport (   reportType As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ GenerateReport(  String^ reportType ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member GenerateReport :   reportType : string -> ActionResult |

#### Parameters

reportType

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the type of report

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
a partial view or error message

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[GenerateReport Overload](#_F658CF51_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReportByAmount Method

Action method to generate report by amount range

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GenerateReportByAmount(  decimal StartAmt,  decimal EndAmt ) |

|  |
| --- |
| VB |
| Public Function GenerateReportByAmount (   StartAmt As Decimal,  EndAmt As Decimal ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GenerateReportByAmount(  Decimal StartAmt,   Decimal EndAmt ) |

|  |
| --- |
| F# |
| member GenerateReportByAmount :   StartAmt : decimal \*   EndAmt : decimal -> ActionResult |

#### Parameters

StartAmt

Type: [System.Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

the start amount

EndAmt

Type: [System.Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

the end amount

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
the report or an error message

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReportByBID Method

Action method to generate the report using BID ranges

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GenerateReportByBID(  string[] StartBID,  string[] EndBID ) |

|  |
| --- |
| VB |
| Public Function GenerateReportByBID (   StartBID As String(),  EndBID As String() ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GenerateReportByBID(  array<String^>^ StartBID,   array<String^>^ EndBID ) |

|  |
| --- |
| F# |
| member GenerateReportByBID :   StartBID : string[] \*   EndBID : string[] -> ActionResult |

#### Parameters

StartBID

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)[]

the start BID range

EndBID

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)[]

the end BID range

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
the report (excel file) or error message

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReportByDate Method

Action method to generate a report based on date range

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GenerateReportByDate(  DateTime StartDate,  DateTime EndDate ) |

|  |
| --- |
| VB |
| Public Function GenerateReportByDate (   StartDate As DateTime,  EndDate As DateTime ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GenerateReportByDate(  DateTime StartDate,   DateTime EndDate ) |

|  |
| --- |
| F# |
| member GenerateReportByDate :   StartDate : DateTime \*   EndDate : DateTime -> ActionResult |

#### Parameters

StartDate

Type: [System.DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

the start date

EndDate

Type: [System.DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

the end date

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
the report

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.GenerateReportByDropDown Method

Action method to generate report based on value

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GenerateReportByDropDown(  string value ) |

|  |
| --- |
| VB |
| Public Function GenerateReportByDropDown (   value As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GenerateReportByDropDown(  String^ value ) |

|  |
| --- |
| F# |
| member GenerateReportByDropDown :   value : string -> ActionResult |

#### Parameters

value

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the selected value

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
the report or a error message

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.Index Method

Action Method to display Index

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Index() |

|  |
| --- |
| VB |
| Public Function Index As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Index() |

|  |
| --- |
| F# |
| member Index : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.Logout Method

Action Method to logout the user

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Logout() |

|  |
| --- |
| VB |
| Public Function Logout As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Logout() |

|  |
| --- |
| F# |
| member Logout : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.SetUpDropDown Method

Helper method to set the list drop down for report generation

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [NonActionAttribute] private void SetUpDropDown() |

|  |
| --- |
| VB |
| <NonActionAttribute> Private Sub SetUpDropDown |

|  |
| --- |
| C++ |
| private: [NonActionAttribute] void SetUpDropDown() |

|  |
| --- |
| F# |
| [<NonActionAttribute>] private member SetUpDropDown : unit -> unit |

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# ManagerController.UpdateFees Method

Action Method to save the changes to the fees made by the user

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult UpdateFees(  HostelChargesViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function UpdateFees (   userInput As HostelChargesViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ UpdateFees(  HostelChargesViewModel^ userInput ) |

|  |
| --- |
| F# |
| member UpdateFees :   userInput : HostelChargesViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelChargesViewModel](#_5EBD0C59_Topic)

the changes made to the fees by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
PartialView or Success Message

## See Also

[ManagerController Class](#_4620ABB3_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController Class

Controller for User

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950)  
    [Controller](http://msdn2.microsoft.com/en-us/library/dd460481)  
      HostelManagement.Areas.HostelMessManagement.Controllers.UserController

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [AuthorizeAttribute(Roles = "User,Manager")] public class UserController : Controller |

|  |
| --- |
| VB |
| <AuthorizeAttribute(Roles := "User,Manager")> Public Class UserController  Inherits Controller |

|  |
| --- |
| C++ |
| [AuthorizeAttribute(Roles = L"User,Manager")] public ref class UserController : public Controller |

|  |
| --- |
| F# |
| [<AuthorizeAttribute(Roles = "User,Manager")>] type UserController =   class  inherit Controller  end |

The **UserController** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [UserController](#_1AD850DD_Topic) | Initializes a new instance of the **UserController** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddAdditionalFee()](#_3D91EB8A_Topic) | Action Method to display the form to add additional fees |
| Public method | [AddAdditionalFee(AddAdditionalFeeViewModel)](#_3FF7D2AC_Topic) | Action Method to actually add the additional fee to the database |
| Public method | [AddStudent()](#_8B1E6458_Topic) | Action Method to diplay a page to add a student |
| Public method | [AddStudent(StudentViewModel)](#_3864C03E_Topic) | Action Method to add a student to the database |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ChangeRoom()](#_563F15DB_Topic) | Action Method to search for a student to change room |
| Public method | [ChangeRoom(StudentSearchViewModel)](#_9B1931D_Topic) | Action method to display a form to change the students room |
| Public method | [ChangeRoomAllotment](#_6DE75E2B_Topic) | Action method to change the room |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [DiscountFees()](#_28A711F9_Topic) | Action Method to serach for a student to discount fees |
| Public method | [DiscountFees(StudentSearchViewModel)](#_AE9F2F0C_Topic) | Action Method to display a from that allows the user to enter the fee discount |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateMessBill()](#_98B37A6E_Topic) | Action method to display a button that when clicked will generate the mess bill |
| Public method | [GenerateMessBill(Int32)](#_7386411E_Topic) | Action method to actually generate the mess bill |
| Public method | [GetAmount](#_88AE4289_Topic) | Action Method to get the amount payable |
| Public method | [GetBlocks](#_B4E0E1FA_Topic) | Action Method to return a list of hostel blocks that the student can occupy based on gender |
| Public method | [GetFeeBreakUp](#_D14F4021_Topic) | Method to return the Fee breakup in JSON format |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetMessAmount](#_87883407_Topic) | Action Method to amount payable towards the mess bill |
| Public method | [GetRooms](#_9AFE075F_Topic) | Action method to get vacant rooms in a block |
| Public method | [GetStudentList](#_6A404D77_Topic) | Action method to get the list of studented for auto complete |
| Public method | [GetType()](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType(String, String)](#_29EAFA62_Topic) | Action Method to get the type of room |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [HostelTransaction()](#_CA11F94E_Topic) | Action method to search for the student (for hostel transactions) |
| Public method | [HostelTransaction(StudentSearchViewModel)](#_9C7AE58_Topic) | Action method to display a form to enable the user to perform hostel transactions |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_1FA13922_Topic) | Action Method to display index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_9306DB40_Topic) | Action Method to log out user |
| Public method | [MeetDevelopers](#_C4E49285_Topic) | Action method to get the meet the developers page |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [MessTransaction()](#_FE0DAF4A_Topic) | Action method to search for a student to perform mess transaction |
| Public method | [MessTransaction(StudentSearchViewModel)](#_38947ED4_Topic) | Action Method to display a form to allow the user to perform mess transactions |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [PerformHostelFeeDiscount](#_22DE97BA_Topic) | Action method to record the fee discount in the database |
| Public method | [PerformHostelTransaction](#_B26F46CD_Topic) | Action Method to perform hostel transaction |
| Public method | [PerformMessTransaction](#_695297CD_Topic) | Action method to perform the mess transaction |
| Public method | [PerformRemoveStudent](#_8CB5232B_Topic) | Action method to remove the student |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [RemoveStudent()](#_C250A5E9_Topic) | Action method to disaply the page to search for a student to be removed |
| Public method | [RemoveStudent(StudentSearchViewModel)](#_61D59307_Topic) | Method to get the form to remove a student |
| Public method | [ReportAbsenceForMess()](#_8B5766A_Topic) | Action Method to display a from to search for the student to report absence |
| Public method | [ReportAbsenceForMess(MessAbsenceViewModel)](#_F064FA28_Topic) | Action Method to actually report absence |
| Private method | [SetUpDropDownViewData](#_2AF8EACB_Topic) | Method to set up the lists required for the drop down |
| Public method | [ShowAllDues](#_1A760AC7_Topic) | Action method to display all hostel dues |
| Public method | [ShowAllMessDues](#_58FBC742_Topic) | Action Method to show all mess dues |
| Public method | [ShowAllTransactions](#_78759F80_Topic) | Action Method to show all transactions for a given student |
| Public method | [ShowDueByStudent](#_95DDB30E_Topic) | Action Method to show due for a single student |
| Public method | [ShowDues](#_22C33460_Topic) | Action Method to show hostel dues |
| Public method | [ShowMessDues](#_4C6FBC6B_Topic) | Action Method to display the mess dues as a partial view |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ViewStudent()](#_D690C1D8_Topic) | Action method to search for a student to view his or her details |
| Public method | [ViewStudent(StudentSearchViewModel)](#_785B2630_Topic) | Action method to view the student |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController Constructor

Initializes a new instance of the [UserController](#_506C812F_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public UserController() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: UserController() |

|  |
| --- |
| F# |
| new : unit -> UserController |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.UserController Properties

The [UserController](#_506C812F_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.UserController Methods

The [UserController](#_506C812F_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddAdditionalFee()](#_3D91EB8A_Topic) | Action Method to display the form to add additional fees |
| Public method | [AddAdditionalFee(AddAdditionalFeeViewModel)](#_3FF7D2AC_Topic) | Action Method to actually add the additional fee to the database |
| Public method | [AddStudent()](#_8B1E6458_Topic) | Action Method to diplay a page to add a student |
| Public method | [AddStudent(StudentViewModel)](#_3864C03E_Topic) | Action Method to add a student to the database |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ChangeRoom()](#_563F15DB_Topic) | Action Method to search for a student to change room |
| Public method | [ChangeRoom(StudentSearchViewModel)](#_9B1931D_Topic) | Action method to display a form to change the students room |
| Public method | [ChangeRoomAllotment](#_6DE75E2B_Topic) | Action method to change the room |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [DiscountFees()](#_28A711F9_Topic) | Action Method to serach for a student to discount fees |
| Public method | [DiscountFees(StudentSearchViewModel)](#_AE9F2F0C_Topic) | Action Method to display a from that allows the user to enter the fee discount |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GenerateMessBill()](#_98B37A6E_Topic) | Action method to display a button that when clicked will generate the mess bill |
| Public method | [GenerateMessBill(Int32)](#_7386411E_Topic) | Action method to actually generate the mess bill |
| Public method | [GetAmount](#_88AE4289_Topic) | Action Method to get the amount payable |
| Public method | [GetBlocks](#_B4E0E1FA_Topic) | Action Method to return a list of hostel blocks that the student can occupy based on gender |
| Public method | [GetFeeBreakUp](#_D14F4021_Topic) | Method to return the Fee breakup in JSON format |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetMessAmount](#_87883407_Topic) | Action Method to amount payable towards the mess bill |
| Public method | [GetRooms](#_9AFE075F_Topic) | Action method to get vacant rooms in a block |
| Public method | [GetStudentList](#_6A404D77_Topic) | Action method to get the list of studented for auto complete |
| Public method | [GetType()](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType(String, String)](#_29EAFA62_Topic) | Action Method to get the type of room |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [HostelTransaction()](#_CA11F94E_Topic) | Action method to search for the student (for hostel transactions) |
| Public method | [HostelTransaction(StudentSearchViewModel)](#_9C7AE58_Topic) | Action method to display a form to enable the user to perform hostel transactions |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index](#_1FA13922_Topic) | Action Method to display index |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Logout](#_9306DB40_Topic) | Action Method to log out user |
| Public method | [MeetDevelopers](#_C4E49285_Topic) | Action method to get the meet the developers page |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [MessTransaction()](#_FE0DAF4A_Topic) | Action method to search for a student to perform mess transaction |
| Public method | [MessTransaction(StudentSearchViewModel)](#_38947ED4_Topic) | Action Method to display a form to allow the user to perform mess transactions |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [PerformHostelFeeDiscount](#_22DE97BA_Topic) | Action method to record the fee discount in the database |
| Public method | [PerformHostelTransaction](#_B26F46CD_Topic) | Action Method to perform hostel transaction |
| Public method | [PerformMessTransaction](#_695297CD_Topic) | Action method to perform the mess transaction |
| Public method | [PerformRemoveStudent](#_8CB5232B_Topic) | Action method to remove the student |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [RemoveStudent()](#_C250A5E9_Topic) | Action method to disaply the page to search for a student to be removed |
| Public method | [RemoveStudent(StudentSearchViewModel)](#_61D59307_Topic) | Method to get the form to remove a student |
| Public method | [ReportAbsenceForMess()](#_8B5766A_Topic) | Action Method to display a from to search for the student to report absence |
| Public method | [ReportAbsenceForMess(MessAbsenceViewModel)](#_F064FA28_Topic) | Action Method to actually report absence |
| Private method | [SetUpDropDownViewData](#_2AF8EACB_Topic) | Method to set up the lists required for the drop down |
| Public method | [ShowAllDues](#_1A760AC7_Topic) | Action method to display all hostel dues |
| Public method | [ShowAllMessDues](#_58FBC742_Topic) | Action Method to show all mess dues |
| Public method | [ShowAllTransactions](#_78759F80_Topic) | Action Method to show all transactions for a given student |
| Public method | [ShowDueByStudent](#_95DDB30E_Topic) | Action Method to show due for a single student |
| Public method | [ShowDues](#_22C33460_Topic) | Action Method to show hostel dues |
| Public method | [ShowMessDues](#_4C6FBC6B_Topic) | Action Method to display the mess dues as a partial view |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ViewStudent()](#_D690C1D8_Topic) | Action method to search for a student to view his or her details |
| Public method | [ViewStudent(StudentSearchViewModel)](#_785B2630_Topic) | Action method to view the student |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.AddAdditionalFee Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddAdditionalFee()](#_3D91EB8A_Topic) | Action Method to display the form to add additional fees |
| Public method | [AddAdditionalFee(AddAdditionalFeeViewModel)](#_3FF7D2AC_Topic) | Action Method to actually add the additional fee to the database |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.AddAdditionalFee Method

Action Method to display the form to add additional fees

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult AddAdditionalFee() |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function AddAdditionalFee As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ AddAdditionalFee() |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member AddAdditionalFee : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[AddAdditionalFee Overload](#_3D5C1F6B_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.AddAdditionalFee Method (AddAdditionalFeeViewModel)

Action Method to actually add the additional fee to the database

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult AddAdditionalFee(  AddAdditionalFeeViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function AddAdditionalFee (   userInput As AddAdditionalFeeViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ AddAdditionalFee(  AddAdditionalFeeViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member AddAdditionalFee :   userInput : AddAdditionalFeeViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.AddAdditionalFeeViewModel](#_60F7058A_Topic)

the form filled by user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[AddAdditionalFee Overload](#_3D5C1F6B_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.AddStudent Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddStudent()](#_8B1E6458_Topic) | Action Method to diplay a page to add a student |
| Public method | [AddStudent(StudentViewModel)](#_3864C03E_Topic) | Action Method to add a student to the database |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.AddStudent Method

Action Method to diplay a page to add a student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult AddStudent() |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function AddStudent As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ AddStudent() |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member AddStudent : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[UserController Class](#_506C812F_Topic)

[AddStudent Overload](#_81E9C4C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.AddStudent Method (StudentViewModel)

Action Method to add a student to the database

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult AddStudent(  StudentViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function AddStudent (   userInput As StudentViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ AddStudent(  StudentViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member AddStudent :   userInput : StudentViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentViewModel](#_4E517C84_Topic)

the student as defined by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[UserController Class](#_506C812F_Topic)

[AddStudent Overload](#_81E9C4C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ChangeRoom Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ChangeRoom()](#_563F15DB_Topic) | Action Method to search for a student to change room |
| Public method | [ChangeRoom(StudentSearchViewModel)](#_9B1931D_Topic) | Action method to display a form to change the students room |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ChangeRoom Method

Action Method to search for a student to change room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ChangeRoom() |

|  |
| --- |
| VB |
| Public Function ChangeRoom As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ChangeRoom() |

|  |
| --- |
| F# |
| member ChangeRoom : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[ChangeRoom Overload](#_4E1B2FDC_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ChangeRoom Method (StudentSearchViewModel)

Action method to display a form to change the students room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult ChangeRoom(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function ChangeRoom (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ ChangeRoom(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member ChangeRoom :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[ChangeRoom Overload](#_4E1B2FDC_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ChangeRoomAllotment Method

Action method to change the room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ChangeRoomAllotment(  ChangeRoomViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function ChangeRoomAllotment (   userInput As ChangeRoomViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ChangeRoomAllotment(  ChangeRoomViewModel^ userInput ) |

|  |
| --- |
| F# |
| member ChangeRoomAllotment :   userInput : ChangeRoomViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.ChangeRoomViewModel](#_402824DE_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.DiscountFees Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [DiscountFees()](#_28A711F9_Topic) | Action Method to serach for a student to discount fees |
| Public method | [DiscountFees(StudentSearchViewModel)](#_AE9F2F0C_Topic) | Action Method to display a from that allows the user to enter the fee discount |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.DiscountFees Method

Action Method to serach for a student to discount fees

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult DiscountFees() |

|  |
| --- |
| VB |
| Public Function DiscountFees As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ DiscountFees() |

|  |
| --- |
| F# |
| member DiscountFees : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[DiscountFees Overload](#_7BD5A636_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.DiscountFees Method (StudentSearchViewModel)

Action Method to display a from that allows the user to enter the fee discount

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult DiscountFees(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function DiscountFees (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ DiscountFees(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member DiscountFees :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[DiscountFees Overload](#_7BD5A636_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GenerateMessBill Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [GenerateMessBill()](#_98B37A6E_Topic) | Action method to display a button that when clicked will generate the mess bill |
| Public method | [GenerateMessBill(Int32)](#_7386411E_Topic) | Action method to actually generate the mess bill |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GenerateMessBill Method

Action method to display a button that when clicked will generate the mess bill

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GenerateMessBill() |

|  |
| --- |
| VB |
| Public Function GenerateMessBill As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GenerateMessBill() |

|  |
| --- |
| F# |
| member GenerateMessBill : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[GenerateMessBill Overload](#_CEAD03E1_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GenerateMessBill Method (Int32)

Action method to actually generate the mess bill

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult GenerateMessBill(  int dummy = 0 ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function GenerateMessBill (   Optional dummy As Integer = 0 ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ GenerateMessBill(  int dummy = 0 ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member GenerateMessBill :   ?dummy : int  (\* Defaults:  let\_dummy = defaultArg dummy 0 \*) -> ActionResult |

#### Parameters

dummy (Optional)

Type: [System.Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

a dummy parameter to facilitate polymorphism

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[GenerateMessBill Overload](#_CEAD03E1_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetAmount Method

Action Method to get the amount payable

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GetAmount(  string head,  string bid,  string year ) |

|  |
| --- |
| VB |
| Public Function GetAmount (   head As String,  bid As String,  year As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GetAmount(  String^ head,   String^ bid,   String^ year ) |

|  |
| --- |
| F# |
| member GetAmount :   head : string \*   bid : string \*   year : string -> ActionResult |

#### Parameters

head

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the account head

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the border ID

year

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the academic year

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
the amount payable in JSON format

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetBlocks Method

Action Method to return a list of hostel blocks that the student can occupy based on gender

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public JsonResult GetBlocks(  string gender ) |

|  |
| --- |
| VB |
| Public Function GetBlocks (   gender As String ) As JsonResult |

|  |
| --- |
| C++ |
| public: JsonResult^ GetBlocks(  String^ gender ) |

|  |
| --- |
| F# |
| member GetBlocks :   gender : string -> JsonResult |

#### Parameters

gender

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students gender

#### Return Value

Type: [JsonResult](http://msdn2.microsoft.com/en-us/library/dd470569)  
the list of hostel blocks in JSON format

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetFeeBreakUp Method

Method to return the Fee breakup in JSON format

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public JsonResult GetFeeBreakUp(  string gender,  string roomType ) |

|  |
| --- |
| VB |
| Public Function GetFeeBreakUp (   gender As String,  roomType As String ) As JsonResult |

|  |
| --- |
| C++ |
| public: JsonResult^ GetFeeBreakUp(  String^ gender,   String^ roomType ) |

|  |
| --- |
| F# |
| member GetFeeBreakUp :   gender : string \*   roomType : string -> JsonResult |

#### Parameters

gender

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students gender

roomType

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the type of room allotted to the student

#### Return Value

Type: [JsonResult](http://msdn2.microsoft.com/en-us/library/dd470569)  
the fee breakup in JSON format

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetMessAmount Method

Action Method to amount payable towards the mess bill

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GetMessAmount(  string bid,  string month,  string year ) |

|  |
| --- |
| VB |
| Public Function GetMessAmount (   bid As String,  month As String,  year As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GetMessAmount(  String^ bid,   String^ month,   String^ year ) |

|  |
| --- |
| F# |
| member GetMessAmount :   bid : string \*   month : string \*   year : string -> ActionResult |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the border ID

month

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the month of the bill

year

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the year of the bill

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
the amount payable in JSON format

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetRooms Method

Action method to get vacant rooms in a block

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public JsonResult GetRooms(  string block ) |

|  |
| --- |
| VB |
| Public Function GetRooms (   block As String ) As JsonResult |

|  |
| --- |
| C++ |
| public: JsonResult^ GetRooms(  String^ block ) |

|  |
| --- |
| F# |
| member GetRooms :   block : string -> JsonResult |

#### Parameters

block

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the hostel block

#### Return Value

Type: [JsonResult](http://msdn2.microsoft.com/en-us/library/dd470569)  
the list of rooms in JSON format

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetStudentList Method

Action method to get the list of studented for auto complete

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult GetStudentList(  string term ) |

|  |
| --- |
| VB |
| Public Function GetStudentList (   term As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ GetStudentList(  String^ term ) |

|  |
| --- |
| F# |
| member GetStudentList :   term : string -> ActionResult |

#### Parameters

term

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the input given by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
a list of the candidates in JSON format

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetType Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [GetType()](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType(String, String)](#_29EAFA62_Topic) | Action Method to get the type of room |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.GetType Method (String, String)

Action Method to get the type of room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public JsonResult GetType(  string room,  string blockNumber ) |

|  |
| --- |
| VB |
| Public Function GetType (   room As String,  blockNumber As String ) As JsonResult |

|  |
| --- |
| C++ |
| public: JsonResult^ GetType(  String^ room,   String^ blockNumber ) |

|  |
| --- |
| F# |
| member GetType :   room : string \*   blockNumber : string -> JsonResult |

#### Parameters

room

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the room number

blockNumber

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the block number where the room is located

#### Return Value

Type: [JsonResult](http://msdn2.microsoft.com/en-us/library/dd470569)  
the type of room

## See Also

[UserController Class](#_506C812F_Topic)

[GetType Overload](#_8DED0CE9_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.HostelTransaction Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelTransaction()](#_CA11F94E_Topic) | Action method to search for the student (for hostel transactions) |
| Public method | [HostelTransaction(StudentSearchViewModel)](#_9C7AE58_Topic) | Action method to display a form to enable the user to perform hostel transactions |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.HostelTransaction Method

Action method to search for the student (for hostel transactions)

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult HostelTransaction() |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function HostelTransaction As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ HostelTransaction() |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member HostelTransaction : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[HostelTransaction Overload](#_1E277E24_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.HostelTransaction Method (StudentSearchViewModel)

Action method to display a form to enable the user to perform hostel transactions

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult HostelTransaction(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function HostelTransaction (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ HostelTransaction(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member HostelTransaction :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

the form as input by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[HostelTransaction Overload](#_1E277E24_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.Index Method

Action Method to display index

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Index() |

|  |
| --- |
| VB |
| Public Function Index As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Index() |

|  |
| --- |
| F# |
| member Index : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.Logout Method

Action Method to log out user

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult Logout() |

|  |
| --- |
| VB |
| Public Function Logout As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ Logout() |

|  |
| --- |
| F# |
| member Logout : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
View

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.MeetDevelopers Method

Action method to get the meet the developers page

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult MeetDevelopers() |

|  |
| --- |
| VB |
| Public Function MeetDevelopers As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ MeetDevelopers() |

|  |
| --- |
| F# |
| member MeetDevelopers : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
a view

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.MessTransaction Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessTransaction()](#_FE0DAF4A_Topic) | Action method to search for a student to perform mess transaction |
| Public method | [MessTransaction(StudentSearchViewModel)](#_38947ED4_Topic) | Action Method to display a form to allow the user to perform mess transactions |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.MessTransaction Method

Action method to search for a student to perform mess transaction

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult MessTransaction() |

|  |
| --- |
| VB |
| Public Function MessTransaction As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ MessTransaction() |

|  |
| --- |
| F# |
| member MessTransaction : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[MessTransaction Overload](#_A4158440_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.MessTransaction Method (StudentSearchViewModel)

Action Method to display a form to allow the user to perform mess transactions

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult MessTransaction(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function MessTransaction (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ MessTransaction(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member MessTransaction :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[MessTransaction Overload](#_A4158440_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.PerformHostelFeeDiscount Method

Action method to record the fee discount in the database

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult PerformHostelFeeDiscount(  HostelTransactionViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function PerformHostelFeeDiscount (   userInput As HostelTransactionViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ PerformHostelFeeDiscount(  HostelTransactionViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member PerformHostelFeeDiscount :   userInput : HostelTransactionViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelTransactionViewModel](#_844BC3C6_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.PerformHostelTransaction Method

Action Method to perform hostel transaction

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult PerformHostelTransaction(  HostelTransactionViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformHostelTransaction (   userInput As HostelTransactionViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ PerformHostelTransaction(  HostelTransactionViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformHostelTransaction :   userInput : HostelTransactionViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.HostelTransactionViewModel](#_844BC3C6_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.PerformMessTransaction Method

Action method to perform the mess transaction

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult PerformMessTransaction(  MessTransactionViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformMessTransaction (   userInput As MessTransactionViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ PerformMessTransaction(  MessTransactionViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformMessTransaction :   userInput : MessTransactionViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.MessTransactionViewModel](#_257BF433_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
Content

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.PerformRemoveStudent Method

Action method to remove the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult PerformRemoveStudent(  RemoveStudentViewModel userInput ) |

|  |
| --- |
| VB |
| Public Function PerformRemoveStudent (   userInput As RemoveStudentViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ PerformRemoveStudent(  RemoveStudentViewModel^ userInput ) |

|  |
| --- |
| F# |
| member PerformRemoveStudent :   userInput : RemoveStudentViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.RemoveStudentViewModel](#_458C49C4_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
message

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.RemoveStudent Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [RemoveStudent()](#_C250A5E9_Topic) | Action method to disaply the page to search for a student to be removed |
| Public method | [RemoveStudent(StudentSearchViewModel)](#_61D59307_Topic) | Method to get the form to remove a student |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.RemoveStudent Method

Action method to disaply the page to search for a student to be removed

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult RemoveStudent() |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function RemoveStudent As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ RemoveStudent() |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member RemoveStudent : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
a view

## See Also

[UserController Class](#_506C812F_Topic)

[RemoveStudent Overload](#_1566223C_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.RemoveStudent Method (StudentSearchViewModel)

Method to get the form to remove a student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult RemoveStudent(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function RemoveStudent (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ RemoveStudent(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member RemoveStudent :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

the from filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
form if the student was found, else error message

## See Also

[UserController Class](#_506C812F_Topic)

[RemoveStudent Overload](#_1566223C_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ReportAbsenceForMess Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ReportAbsenceForMess()](#_8B5766A_Topic) | Action Method to display a from to search for the student to report absence |
| Public method | [ReportAbsenceForMess(MessAbsenceViewModel)](#_F064FA28_Topic) | Action Method to actually report absence |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ReportAbsenceForMess Method

Action Method to display a from to search for the student to report absence

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ReportAbsenceForMess() |

|  |
| --- |
| VB |
| Public Function ReportAbsenceForMess As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ReportAbsenceForMess() |

|  |
| --- |
| F# |
| member ReportAbsenceForMess : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[ReportAbsenceForMess Overload](#_EDDFE14C_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ReportAbsenceForMess Method (MessAbsenceViewModel)

Action Method to actually report absence

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult ReportAbsenceForMess(  MessAbsenceViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function ReportAbsenceForMess (   userInput As MessAbsenceViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ ReportAbsenceForMess(  MessAbsenceViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member ReportAbsenceForMess :   userInput : MessAbsenceViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.MessAbsenceViewModel](#_2145339B_Topic)

the form filled by the user

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[ReportAbsenceForMess Overload](#_EDDFE14C_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.SetUpDropDownViewData Method

Method to set up the lists required for the drop down

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [NonActionAttribute] private void SetUpDropDownViewData() |

|  |
| --- |
| VB |
| <NonActionAttribute> Private Sub SetUpDropDownViewData |

|  |
| --- |
| C++ |
| private: [NonActionAttribute] void SetUpDropDownViewData() |

|  |
| --- |
| F# |
| [<NonActionAttribute>] private member SetUpDropDownViewData : unit -> unit |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ShowAllDues Method

Action method to display all hostel dues

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult ShowAllDues() |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function ShowAllDues As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ ShowAllDues() |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member ShowAllDues : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ShowAllMessDues Method

Action Method to show all mess dues

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ShowAllMessDues() |

|  |
| --- |
| VB |
| Public Function ShowAllMessDues As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ShowAllMessDues() |

|  |
| --- |
| F# |
| member ShowAllMessDues : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ShowAllTransactions Method

Action Method to show all transactions for a given student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ShowAllTransactions(  string bid,  bool archive = false ) |

|  |
| --- |
| VB |
| Public Function ShowAllTransactions (   bid As String,  Optional archive As Boolean = false ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ShowAllTransactions(  String^ bid,   bool archive = false ) |

|  |
| --- |
| F# |
| member ShowAllTransactions :   bid : string \*   ?archive : bool  (\* Defaults:  let\_archive = defaultArg archive false \*) -> ActionResult |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

The BID of the student

archive (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if the student if the student is in the archive, false otherwise

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
a partial view that contains all the transaction

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ShowDueByStudent Method

Action Method to show due for a single student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ShowDueByStudent(  string bid,  bool allTransactions = false ) |

|  |
| --- |
| VB |
| Public Function ShowDueByStudent (   bid As String,  Optional allTransactions As Boolean = false ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ShowDueByStudent(  String^ bid,   bool allTransactions = false ) |

|  |
| --- |
| F# |
| member ShowDueByStudent :   bid : string \*   ?allTransactions : bool  (\* Defaults:  let\_allTransactions = defaultArg allTransactions false \*) -> ActionResult |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students BID

allTransactions (Optional)

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

true, if all transactions are required, false otherwise

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ShowDues Method

Action Method to show hostel dues

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ShowDues(  string bid ) |

|  |
| --- |
| VB |
| Public Function ShowDues (   bid As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ShowDues(  String^ bid ) |

|  |
| --- |
| F# |
| member ShowDues :   bid : string -> ActionResult |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the BID of the student

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ShowMessDues Method

Action Method to display the mess dues as a partial view

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ShowMessDues(  string bid ) |

|  |
| --- |
| VB |
| Public Function ShowMessDues (   bid As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ShowMessDues(  String^ bid ) |

|  |
| --- |
| F# |
| member ShowMessDues :   bid : string -> ActionResult |

#### Parameters

bid

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the students BID

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
partial view

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ViewStudent Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ViewStudent()](#_D690C1D8_Topic) | Action method to search for a student to view his or her details |
| Public method | [ViewStudent(StudentSearchViewModel)](#_785B2630_Topic) | Action method to view the student |

## See Also

[UserController Class](#_506C812F_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ViewStudent Method

Action method to search for a student to view his or her details

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult ViewStudent() |

|  |
| --- |
| VB |
| Public Function ViewStudent As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ ViewStudent() |

|  |
| --- |
| F# |
| member ViewStudent : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[UserController Class](#_506C812F_Topic)

[ViewStudent Overload](#_D240A829_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# UserController.ViewStudent Method (StudentSearchViewModel)

Action method to view the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Controllers](#_876D88E7_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public ActionResult ViewStudent(  StudentSearchViewModel userInput ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function ViewStudent (   userInput As StudentSearchViewModel ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] ActionResult^ ViewStudent(  StudentSearchViewModel^ userInput ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member ViewStudent :   userInput : StudentSearchViewModel -> ActionResult |

#### Parameters

userInput

Type: [HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel](#_912BC678_Topic)

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)

## See Also

[UserController Class](#_506C812F_Topic)

[ViewStudent Overload](#_D240A829_Topic)

[HostelManagement.Areas.HostelMessManagement.Controllers Namespace](#_876D88E7_Topic)

# HostelManagement.Areas.HostelMessManagement.Models Namespace

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [AddAdditionalFeeViewModel](#_60F7058A_Topic) | View model for the add additional fee form |
| Public class | [AllotmentDisplayViewModel](#_6BCA283_Topic) | View model for allotment display |
| Public class | [ChangeRoomViewModel](#_402824DE_Topic) | View model for change room form |
| Public class | [DisplayStudentViewModel](#_A0AFFCB5_Topic) | View model for display student |
| Public class | [HostelChargesViewModel](#_5EBD0C59_Topic) | View model for hostel charges |
| Public class | [HostelFeeDueViewModel](#_25B8DFBA_Topic) | View model for hostel fee dues |
| Public class | [HostelTransactionViewModel](#_844BC3C6_Topic) | View model for hostel transactions |
| Public class | [MessAbsenceViewModel](#_2145339B_Topic) | View model for mess absence |
| Public class | [MessChargesViewModel](#_77CF92F5_Topic) | View model for mess charges |
| Public class | [MessFeeDueViewModel](#_2B282871_Topic) | View model for mess fee dues |
| Public class | [MessTransactionViewModel](#_257BF433_Topic) | View model for mess transactions |
| Public class | [RemoveStudentViewModel](#_458C49C4_Topic) | View model for removing a student |
| Public class | [SearchViewModel](#_51729BDA_Topic) | View model to search for a student |
| Public class | [StudentDueSummaryViewModel](#_1C499551_Topic) | View model for student fee due summary |
| Public class | [StudentMessDueSummaryViewModel](#_4765BC04_Topic) | View model for student mess due summary |
| Public class | [StudentSearchViewModel](#_912BC678_Topic) | View model for student search |
| Public class | [StudentViewModel](#_4E517C84_Topic) | View model to display a student |
| Public class | [TransactionsViewModel](#_FA9CF992_Topic) | View model for transactions |

# AddAdditionalFeeViewModel Class

View model for the add additional fee form

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.AddAdditionalFeeViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AddAdditionalFeeViewModel |

|  |
| --- |
| VB |
| Public Class AddAdditionalFeeViewModel |

|  |
| --- |
| C++ |
| public ref class AddAdditionalFeeViewModel |

|  |
| --- |
| F# |
| type AddAdditionalFeeViewModel = class end |

The **AddAdditionalFeeViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AddAdditionalFeeViewModel](#_6BF8DBF5_Topic) | Initializes a new instance of the **AddAdditionalFeeViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [amount](#_745F9FB7_Topic) | The amount additional fee |
| Public property | [bid](#_5F0D0287_Topic) | The Border ID of the student |
| Public property | [description](#_A401EE35_Topic) | The description for the additional fee |
| Public property | [year](#_FA3A3F19_Topic) | The academic year |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel Constructor

Initializes a new instance of the [AddAdditionalFeeViewModel](#_60F7058A_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AddAdditionalFeeViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AddAdditionalFeeViewModel() |

|  |
| --- |
| F# |
| new : unit -> AddAdditionalFeeViewModel |

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel.AddAdditionalFeeViewModel Properties

The [AddAdditionalFeeViewModel](#_60F7058A_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [amount](#_745F9FB7_Topic) | The amount additional fee |
| Public property | [bid](#_5F0D0287_Topic) | The Border ID of the student |
| Public property | [description](#_A401EE35_Topic) | The description for the additional fee |
| Public property | [year](#_FA3A3F19_Topic) | The academic year |

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel.amount Property

The amount additional fee

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1, 1.79769313486232E+308)] [DisplayAttribute(Name = "Amount")] public decimal amount { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1, 1.79769313486232E+308)> <DisplayAttribute(Name := "Amount")> Public Property amount As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1, 1.79769313486232E+308)] [DisplayAttribute(Name = L"Amount")] property Decimal amount {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1, 1.79769313486232E+308)>] [<DisplayAttribute(Name = "Amount")>] member amount : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel.bid Property

The Border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Border ID")] public string bid { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Border ID")> Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Border ID")] property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Border ID")>] member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel.description Property

The description for the additional fee

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Description")] public string description { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Description")> Public Property description As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Description")] property String^ description {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Description")>] member description : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel.year Property

The academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = "Year")] public int year { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1000, 9999)> <DisplayAttribute(Name := "Year")> Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = L"Year")] property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1000, 9999)>] [<DisplayAttribute(Name = "Year")>] member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AddAdditionalFeeViewModel.AddAdditionalFeeViewModel Methods

The [AddAdditionalFeeViewModel](#_60F7058A_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AddAdditionalFeeViewModel Class](#_60F7058A_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel Class

View model for allotment display

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.AllotmentDisplayViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AllotmentDisplayViewModel |

|  |
| --- |
| VB |
| Public Class AllotmentDisplayViewModel |

|  |
| --- |
| C++ |
| public ref class AllotmentDisplayViewModel |

|  |
| --- |
| F# |
| type AllotmentDisplayViewModel = class end |

The **AllotmentDisplayViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AllotmentDisplayViewModel](#_BDD76B57_Topic) | Initializes a new instance of the **AllotmentDisplayViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [blockNumber](#_6F7001A9_Topic) | The block number for the hostel |
| Public property | [doj](#_B50CBF66_Topic) | The date of joining the hostel |
| Public property | [dol](#_52AE0665_Topic) | The date of leaving the hostel |
| Public property | [floorNumber](#_F7761E38_Topic) | The floor number for the room |
| Public property | [roomNumber](#_138057EB_Topic) | The room number |
| Public property | [roomType](#_8A3C3050_Topic) | The type of room |
| Public property | [year](#_5577A50A_Topic) | Academic year during which the student stayed in the hostel |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel Constructor

Initializes a new instance of the [AllotmentDisplayViewModel](#_6BCA283_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AllotmentDisplayViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AllotmentDisplayViewModel() |

|  |
| --- |
| F# |
| new : unit -> AllotmentDisplayViewModel |

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.AllotmentDisplayViewModel Properties

The [AllotmentDisplayViewModel](#_6BCA283_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [blockNumber](#_6F7001A9_Topic) | The block number for the hostel |
| Public property | [doj](#_B50CBF66_Topic) | The date of joining the hostel |
| Public property | [dol](#_52AE0665_Topic) | The date of leaving the hostel |
| Public property | [floorNumber](#_F7761E38_Topic) | The floor number for the room |
| Public property | [roomNumber](#_138057EB_Topic) | The room number |
| Public property | [roomType](#_8A3C3050_Topic) | The type of room |
| Public property | [year](#_5577A50A_Topic) | Academic year during which the student stayed in the hostel |

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.blockNumber Property

The block number for the hostel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Hostel Block Number")] public int blockNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Hostel Block Number")> Public Property blockNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Hostel Block Number")] property int blockNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Hostel Block Number")>] member blockNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.doj Property

The date of joining the hostel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Date)] [DisplayAttribute(Name = "Date of Joining")] public DateTime doj { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Date)> <DisplayAttribute(Name := "Date of Joining")> Public Property doj As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Date)] [DisplayAttribute(Name = L"Date of Joining")] property DateTime doj {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Date)>] [<DisplayAttribute(Name = "Date of Joining")>] member doj : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.dol Property

The date of leaving the hostel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Date)] [DisplayAttribute(Name = "Date of Leaving")] public string dol { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Date)> <DisplayAttribute(Name := "Date of Leaving")> Public Property dol As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Date)] [DisplayAttribute(Name = L"Date of Leaving")] property String^ dol {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Date)>] [<DisplayAttribute(Name = "Date of Leaving")>] member dol : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.floorNumber Property

The floor number for the room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Floor Number")] public int floorNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Floor Number")> Public Property floorNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Floor Number")] property int floorNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Floor Number")>] member floorNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.roomNumber Property

The room number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Number")] public int roomNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Number")> Public Property roomNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Number")] property int roomNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Number")>] member roomNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.roomType Property

The type of room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Type")] public string roomType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Type")> Public Property roomType As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Type")] property String^ roomType {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Type")>] member roomType : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.year Property

Academic year during which the student stayed in the hostel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Academic Year")] public string year { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Academic Year")> Public Property year As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Academic Year")] property String^ year {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Academic Year")>] member year : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# AllotmentDisplayViewModel.AllotmentDisplayViewModel Methods

The [AllotmentDisplayViewModel](#_6BCA283_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AllotmentDisplayViewModel Class](#_6BCA283_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel Class

View model for change room form

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.ChangeRoomViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class ChangeRoomViewModel |

|  |
| --- |
| VB |
| Public Class ChangeRoomViewModel |

|  |
| --- |
| C++ |
| public ref class ChangeRoomViewModel |

|  |
| --- |
| F# |
| type ChangeRoomViewModel = class end |

The **ChangeRoomViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [ChangeRoomViewModel](#_B354585C_Topic) | Initializes a new instance of the **ChangeRoomViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [floor](#_8078CE78_Topic) | The floor number of the room |
| Public property | [hostelBlock](#_DE961620_Topic) | The hostel block number |
| Public property | [roomNumber](#_E202391E_Topic) | The room number |
| Public property | [roomType](#_B28998FC_Topic) | The type of room |
| Public property | [year](#_A4E24947_Topic) | The academic year |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel Constructor

Initializes a new instance of the [ChangeRoomViewModel](#_402824DE_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ChangeRoomViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: ChangeRoomViewModel() |

|  |
| --- |
| F# |
| new : unit -> ChangeRoomViewModel |

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.ChangeRoomViewModel Properties

The [ChangeRoomViewModel](#_402824DE_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [floor](#_8078CE78_Topic) | The floor number of the room |
| Public property | [hostelBlock](#_DE961620_Topic) | The hostel block number |
| Public property | [roomNumber](#_E202391E_Topic) | The room number |
| Public property | [roomType](#_B28998FC_Topic) | The type of room |
| Public property | [year](#_A4E24947_Topic) | The academic year |

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.floor Property

The floor number of the room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Floor")] public string floor { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Floor")> Public Property floor As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Floor")] property String^ floor {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Floor")>] member floor : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.hostelBlock Property

The hostel block number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Hostel Block")] public int hostelBlock { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Hostel Block")> Public Property hostelBlock As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Hostel Block")] property int hostelBlock {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Hostel Block")>] member hostelBlock : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.roomNumber Property

The room number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Number")] public int roomNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Number")> Public Property roomNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Number")] property int roomNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Number")>] member roomNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.roomType Property

The type of room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Type")] public string roomType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Type")> Public Property roomType As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Type")] property String^ roomType {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Type")>] member roomType : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.year Property

The academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = "Year")] public int year { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1000, 9999)> <DisplayAttribute(Name := "Year")> Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = L"Year")] property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1000, 9999)>] [<DisplayAttribute(Name = "Year")>] member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# ChangeRoomViewModel.ChangeRoomViewModel Methods

The [ChangeRoomViewModel](#_402824DE_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[ChangeRoomViewModel Class](#_402824DE_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel Class

View model for display student

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.DisplayStudentViewModel  
    [HostelManagement.Areas.HostelMessManagement.Models.HostelTransactionViewModel](#_844BC3C6_Topic)  
    [HostelManagement.Areas.HostelMessManagement.Models.MessTransactionViewModel](#_257BF433_Topic)  
    [HostelManagement.Areas.HostelMessManagement.Models.RemoveStudentViewModel](#_458C49C4_Topic)

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class DisplayStudentViewModel |

|  |
| --- |
| VB |
| Public Class DisplayStudentViewModel |

|  |
| --- |
| C++ |
| public ref class DisplayStudentViewModel |

|  |
| --- |
| F# |
| type DisplayStudentViewModel = class end |

The **DisplayStudentViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [DisplayStudentViewModel](#_7A6DEB99_Topic) | Initializes a new instance of the **DisplayStudentViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent |
| Public property | [name](#_9F573987_Topic) | The full name of the student |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student |
| Public property | [year](#_3351B5EE_Topic) | Academic year |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel Constructor

Initializes a new instance of the [DisplayStudentViewModel](#_A0AFFCB5_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DisplayStudentViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: DisplayStudentViewModel() |

|  |
| --- |
| F# |
| new : unit -> DisplayStudentViewModel |

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.DisplayStudentViewModel Properties

The [DisplayStudentViewModel](#_A0AFFCB5_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent |
| Public property | [name](#_9F573987_Topic) | The full name of the student |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student |
| Public property | [year](#_3351B5EE_Topic) | Academic year |

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.allotments Property

The rooms that have been alloted to the student so far

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<AllotmentDisplayViewModel> allotments { get; set; } |

|  |
| --- |
| VB |
| Public Property allotments As List(Of AllotmentDisplayViewModel)  Get  Set |

|  |
| --- |
| C++ |
| public: property List<AllotmentDisplayViewModel^>^ allotments {  List<AllotmentDisplayViewModel^>^ get ();  void set (List<AllotmentDisplayViewModel^>^ value); } |

|  |
| --- |
| F# |
| member allotments : List<AllotmentDisplayViewModel> with get, set |

#### Property Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([AllotmentDisplayViewModel](#_6BCA283_Topic))

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.branch Property

The department to which the student belongs to

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Department")] public string branch { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Department")> Public Property branch As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Department")] property String^ branch {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Department")>] member branch : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.course Property

The course that the student is taking

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Course")] public string course { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Course")> Public Property course As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Course")] property String^ course {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Course")>] member course : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.dob Property

The date of birth of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Date)] [DisplayAttribute(Name = "Date of Birth")] public DateTime dob { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Date)> <DisplayAttribute(Name := "Date of Birth")> Public Property dob As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Date)] [DisplayAttribute(Name = L"Date of Birth")] property DateTime dob {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Date)>] [<DisplayAttribute(Name = "Date of Birth")>] member dob : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.gender Property

The gender of the stdudent

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Gender")] public string gender { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Gender")> Public Property gender As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Gender")] property String^ gender {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Gender")>] member gender : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.name Property

The full name of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Student Full Name")] public string name { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Student Full Name")> Public Property name As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Student Full Name")] property String^ name {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Student Full Name")>] member name : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.semester Property

The semster to which the student belongs to

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Semester")] public int semester { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Semester")> Public Property semester As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Semester")] property int semester {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Semester")>] member semester : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.usn Property

The university seat number of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [DisplayAttribute(Name = "University Seat Number")] public string usn { get; set; } |

|  |
| --- |
| VB |
| <DisplayAttribute(Name := "University Seat Number")> Public Property usn As String  Get  Set |

|  |
| --- |
| C++ |
| public: [DisplayAttribute(Name = L"University Seat Number")] property String^ usn {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<DisplayAttribute(Name = "University Seat Number")>] member usn : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.year Property

Academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int year { get; set; } |

|  |
| --- |
| VB |
| Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# DisplayStudentViewModel.DisplayStudentViewModel Methods

The [DisplayStudentViewModel](#_A0AFFCB5_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[DisplayStudentViewModel Class](#_A0AFFCB5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel Class

View model for hostel charges

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.HostelChargesViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelChargesViewModel |

|  |
| --- |
| VB |
| Public Class HostelChargesViewModel |

|  |
| --- |
| C++ |
| public ref class HostelChargesViewModel |

|  |
| --- |
| F# |
| type HostelChargesViewModel = class end |

The **HostelChargesViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelChargesViewModel](#_4D478975_Topic) | Initializes a new instance of the **HostelChargesViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [deposit](#_F57C9A8C_Topic) | Security deposit |
| Public property | [fix](#_31016709_Topic) | Fixed charges |
| Public property | [rent](#_DD6471AA_Topic) | Rent |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel Constructor

Initializes a new instance of the [HostelChargesViewModel](#_5EBD0C59_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelChargesViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelChargesViewModel() |

|  |
| --- |
| F# |
| new : unit -> HostelChargesViewModel |

## See Also

[HostelChargesViewModel Class](#_5EBD0C59_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel.HostelChargesViewModel Properties

The [HostelChargesViewModel](#_5EBD0C59_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [deposit](#_F57C9A8C_Topic) | Security deposit |
| Public property | [fix](#_31016709_Topic) | Fixed charges |
| Public property | [rent](#_DD6471AA_Topic) | Rent |

## See Also

[HostelChargesViewModel Class](#_5EBD0C59_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel.deposit Property

Security deposit

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Deposit")] public decimal deposit { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Deposit")> Public Property deposit As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Deposit")] property Decimal deposit {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Deposit")>] member deposit : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelChargesViewModel Class](#_5EBD0C59_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel.fix Property

Fixed charges

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Fixed Charges")] public decimal fix { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Fixed Charges")> Public Property fix As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Fixed Charges")] property Decimal fix {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Fixed Charges")>] member fix : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelChargesViewModel Class](#_5EBD0C59_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel.rent Property

Rent

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Rent")] public decimal rent { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Rent")> Public Property rent As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Rent")] property Decimal rent {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Rent")>] member rent : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelChargesViewModel Class](#_5EBD0C59_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelChargesViewModel.HostelChargesViewModel Methods

The [HostelChargesViewModel](#_5EBD0C59_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelChargesViewModel Class](#_5EBD0C59_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel Class

View model for hostel fee dues

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.HostelFeeDueViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelFeeDueViewModel |

|  |
| --- |
| VB |
| Public Class HostelFeeDueViewModel |

|  |
| --- |
| C++ |
| public ref class HostelFeeDueViewModel |

|  |
| --- |
| F# |
| type HostelFeeDueViewModel = class end |

The **HostelFeeDueViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelFeeDueViewModel](#_C4C9E62C_Topic) | Initializes a new instance of the **HostelFeeDueViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_2DBF5780_Topic) | The academic year |
| Public property | [accountHead](#_C5E183DA_Topic) | The account head, that is, rent, fixed charges and so on |
| Public property | [amount](#_29538172_Topic) | The amount of fee expected |
| Public property | [amountDue](#_87676A66_Topic) | The amount due |
| Public property | [amountPaid](#_3C92079A_Topic) | The amount of the said fee that the student has paid so far |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel Constructor

Initializes a new instance of the [HostelFeeDueViewModel](#_25B8DFBA_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelFeeDueViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelFeeDueViewModel() |

|  |
| --- |
| F# |
| new : unit -> HostelFeeDueViewModel |

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.HostelFeeDueViewModel Properties

The [HostelFeeDueViewModel](#_25B8DFBA_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_2DBF5780_Topic) | The academic year |
| Public property | [accountHead](#_C5E183DA_Topic) | The account head, that is, rent, fixed charges and so on |
| Public property | [amount](#_29538172_Topic) | The amount of fee expected |
| Public property | [amountDue](#_87676A66_Topic) | The amount due |
| Public property | [amountPaid](#_3C92079A_Topic) | The amount of the said fee that the student has paid so far |

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.academicYear Property

The academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int academicYear { get; set; } |

|  |
| --- |
| VB |
| Public Property academicYear As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int academicYear {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member academicYear : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.accountHead Property

The account head, that is, rent, fixed charges and so on

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string accountHead { get; set; } |

|  |
| --- |
| VB |
| Public Property accountHead As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ accountHead {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member accountHead : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.amount Property

The amount of fee expected

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amount { get; set; } |

|  |
| --- |
| VB |
| Public Property amount As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amount {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amount : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.amountDue Property

The amount due

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amountDue { get; set; } |

|  |
| --- |
| VB |
| Public Property amountDue As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amountDue {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amountDue : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.amountPaid Property

The amount of the said fee that the student has paid so far

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amountPaid { get; set; } |

|  |
| --- |
| VB |
| Public Property amountPaid As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amountPaid {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amountPaid : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelFeeDueViewModel.HostelFeeDueViewModel Methods

The [HostelFeeDueViewModel](#_25B8DFBA_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelFeeDueViewModel Class](#_25B8DFBA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel Class

View model for hostel transactions

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [HostelManagement.Areas.HostelMessManagement.Models.DisplayStudentViewModel](#_A0AFFCB5_Topic)  
    HostelManagement.Areas.HostelMessManagement.Models.HostelTransactionViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class HostelTransactionViewModel : DisplayStudentViewModel |

|  |
| --- |
| VB |
| Public Class HostelTransactionViewModel  Inherits DisplayStudentViewModel |

|  |
| --- |
| C++ |
| public ref class HostelTransactionViewModel : public DisplayStudentViewModel |

|  |
| --- |
| F# |
| type HostelTransactionViewModel =   class  inherit DisplayStudentViewModel  end |

The **HostelTransactionViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HostelTransactionViewModel](#_6F150AB9_Topic) | Initializes a new instance of the **HostelTransactionViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_F4C6159B_Topic) | Academic year |
| Public property | [acHead](#_65C3A94F_Topic) | The account head, that is, rent, fixed charges and so on |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [amount](#_7F7BB763_Topic) | The amount being transacted |
| Public property | [bankName](#_E47F2B42_Topic) | The name of the bank |
| Public property | [bid](#_B9F654B3_Topic) | The border ID of the student |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [dateOfPayment](#_369F2F1B_Topic) | The date of payment |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [name](#_9F573987_Topic) | The full name of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [paymentType](#_E8E36DC9_Topic) | The payment type that is, challan, NEFT and so on |
| Public property | [referenceNumber](#_3AD60B18_Topic) | The refrence number |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [year](#_3351B5EE_Topic) | Academic year (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel Constructor

Initializes a new instance of the [HostelTransactionViewModel](#_844BC3C6_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HostelTransactionViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HostelTransactionViewModel() |

|  |
| --- |
| F# |
| new : unit -> HostelTransactionViewModel |

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.HostelTransactionViewModel Properties

The [HostelTransactionViewModel](#_844BC3C6_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_F4C6159B_Topic) | Academic year |
| Public property | [acHead](#_65C3A94F_Topic) | The account head, that is, rent, fixed charges and so on |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [amount](#_7F7BB763_Topic) | The amount being transacted |
| Public property | [bankName](#_E47F2B42_Topic) | The name of the bank |
| Public property | [bid](#_B9F654B3_Topic) | The border ID of the student |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [dateOfPayment](#_369F2F1B_Topic) | The date of payment |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [name](#_9F573987_Topic) | The full name of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [paymentType](#_E8E36DC9_Topic) | The payment type that is, challan, NEFT and so on |
| Public property | [referenceNumber](#_3AD60B18_Topic) | The refrence number |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [year](#_3351B5EE_Topic) | Academic year (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.academicYear Property

Academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = "Academic Year")] public int academicYear { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1000, 9999)> <DisplayAttribute(Name := "Academic Year")> Public Property academicYear As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = L"Academic Year")] property int academicYear {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1000, 9999)>] [<DisplayAttribute(Name = "Academic Year")>] member academicYear : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.acHead Property

The account head, that is, rent, fixed charges and so on

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Account Head")] public int acHead { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Account Head")> Public Property acHead As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Account Head")] property int acHead {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Account Head")>] member acHead : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.amount Property

The amount being transacted

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1, 1.79769313486232E+308)] [DisplayAttribute(Name = "Amount")] public decimal amount { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1, 1.79769313486232E+308)> <DisplayAttribute(Name := "Amount")> Public Property amount As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1, 1.79769313486232E+308)] [DisplayAttribute(Name = L"Amount")] property Decimal amount {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1, 1.79769313486232E+308)>] [<DisplayAttribute(Name = "Amount")>] member amount : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.bankName Property

The name of the bank

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Bank Name")] public string bankName { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Bank Name")> Public Property bankName As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Bank Name")] property String^ bankName {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Bank Name")>] member bankName : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Border ID")] public string bid { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Border ID")> Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Border ID")] property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Border ID")>] member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.dateOfPayment Property

The date of payment

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Date of Payment")] public DateTime dateOfPayment { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Date of Payment")> Public Property dateOfPayment As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Date of Payment")] property DateTime dateOfPayment {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Date of Payment")>] member dateOfPayment : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.paymentType Property

The payment type that is, challan, NEFT and so on

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Payment Type")] public int paymentType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Payment Type")> Public Property paymentType As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Payment Type")] property int paymentType {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Payment Type")>] member paymentType : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.referenceNumber Property

The refrence number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Reference Number")] public string referenceNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Reference Number")> Public Property referenceNumber As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Reference Number")] property String^ referenceNumber {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Reference Number")>] member referenceNumber : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelTransactionViewModel.HostelTransactionViewModel Methods

The [HostelTransactionViewModel](#_844BC3C6_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelTransactionViewModel Class](#_844BC3C6_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessAbsenceViewModel Class

View model for mess absence

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.MessAbsenceViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MessAbsenceViewModel |

|  |
| --- |
| VB |
| Public Class MessAbsenceViewModel |

|  |
| --- |
| C++ |
| public ref class MessAbsenceViewModel |

|  |
| --- |
| F# |
| type MessAbsenceViewModel = class end |

The **MessAbsenceViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessAbsenceViewModel](#_4669CA39_Topic) | Initializes a new instance of the **MessAbsenceViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_8240705_Topic) | The border ID of the student |
| Public property | [numDaysAbsent](#_99ACD29D_Topic) | The number days that the student was absent for the month in question |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessAbsenceViewModel Constructor

Initializes a new instance of the [MessAbsenceViewModel](#_2145339B_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessAbsenceViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MessAbsenceViewModel() |

|  |
| --- |
| F# |
| new : unit -> MessAbsenceViewModel |

## See Also

[MessAbsenceViewModel Class](#_2145339B_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessAbsenceViewModel.MessAbsenceViewModel Properties

The [MessAbsenceViewModel](#_2145339B_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_8240705_Topic) | The border ID of the student |
| Public property | [numDaysAbsent](#_99ACD29D_Topic) | The number days that the student was absent for the month in question |

## See Also

[MessAbsenceViewModel Class](#_2145339B_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessAbsenceViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Border ID")] public string bid { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Border ID")> Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Border ID")] property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Border ID")>] member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessAbsenceViewModel Class](#_2145339B_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessAbsenceViewModel.numDaysAbsent Property

The number days that the student was absent for the month in question

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1, 2147483647)] [DisplayAttribute(Name = "Number of Days Absent")] public int numDaysAbsent { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1, 2147483647)> <DisplayAttribute(Name := "Number of Days Absent")> Public Property numDaysAbsent As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1, 2147483647)] [DisplayAttribute(Name = L"Number of Days Absent")] property int numDaysAbsent {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1, 2147483647)>] [<DisplayAttribute(Name = "Number of Days Absent")>] member numDaysAbsent : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessAbsenceViewModel Class](#_2145339B_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessAbsenceViewModel.MessAbsenceViewModel Methods

The [MessAbsenceViewModel](#_2145339B_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[MessAbsenceViewModel Class](#_2145339B_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessChargesViewModel Class

View model for mess charges

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.MessChargesViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MessChargesViewModel |

|  |
| --- |
| VB |
| Public Class MessChargesViewModel |

|  |
| --- |
| C++ |
| public ref class MessChargesViewModel |

|  |
| --- |
| F# |
| type MessChargesViewModel = class end |

The **MessChargesViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessChargesViewModel](#_C226B359_Topic) | Initializes a new instance of the **MessChargesViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [dailymess](#_238F82B9_Topic) | Daily mess charges |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessChargesViewModel Constructor

Initializes a new instance of the [MessChargesViewModel](#_77CF92F5_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessChargesViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MessChargesViewModel() |

|  |
| --- |
| F# |
| new : unit -> MessChargesViewModel |

## See Also

[MessChargesViewModel Class](#_77CF92F5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessChargesViewModel.MessChargesViewModel Properties

The [MessChargesViewModel](#_77CF92F5_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [dailymess](#_238F82B9_Topic) | Daily mess charges |

## See Also

[MessChargesViewModel Class](#_77CF92F5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessChargesViewModel.dailymess Property

Daily mess charges

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Daily Mess Charges")] public decimal dailymess { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Daily Mess Charges")> Public Property dailymess As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Daily Mess Charges")] property Decimal dailymess {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Daily Mess Charges")>] member dailymess : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[MessChargesViewModel Class](#_77CF92F5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessChargesViewModel.MessChargesViewModel Methods

The [MessChargesViewModel](#_77CF92F5_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[MessChargesViewModel Class](#_77CF92F5_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel Class

View model for mess fee dues

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.MessFeeDueViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MessFeeDueViewModel |

|  |
| --- |
| VB |
| Public Class MessFeeDueViewModel |

|  |
| --- |
| C++ |
| public ref class MessFeeDueViewModel |

|  |
| --- |
| F# |
| type MessFeeDueViewModel = class end |

The **MessFeeDueViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessFeeDueViewModel](#_F9EF473F_Topic) | Initializes a new instance of the **MessFeeDueViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_E94846C5_Topic) | Academic year |
| Public property | [amount](#_8FF0A334_Topic) | The amount to be paid |
| Public property | [amountDue](#_BBB1A20A_Topic) | The amount that is due |
| Public property | [amountPaid](#_67BD6897_Topic) | The amount that the student has actually paid |
| Public property | [month](#_DF7DBF7A_Topic) | The month in question |
| Public property | [numberOfDays](#_9EE1BE60_Topic) | The number of days that the student was present |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel Constructor

Initializes a new instance of the [MessFeeDueViewModel](#_2B282871_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessFeeDueViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MessFeeDueViewModel() |

|  |
| --- |
| F# |
| new : unit -> MessFeeDueViewModel |

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.MessFeeDueViewModel Properties

The [MessFeeDueViewModel](#_2B282871_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_E94846C5_Topic) | Academic year |
| Public property | [amount](#_8FF0A334_Topic) | The amount to be paid |
| Public property | [amountDue](#_BBB1A20A_Topic) | The amount that is due |
| Public property | [amountPaid](#_67BD6897_Topic) | The amount that the student has actually paid |
| Public property | [month](#_DF7DBF7A_Topic) | The month in question |
| Public property | [numberOfDays](#_9EE1BE60_Topic) | The number of days that the student was present |

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.academicYear Property

Academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int academicYear { get; set; } |

|  |
| --- |
| VB |
| Public Property academicYear As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int academicYear {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member academicYear : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.amount Property

The amount to be paid

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amount { get; set; } |

|  |
| --- |
| VB |
| Public Property amount As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amount {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amount : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.amountDue Property

The amount that is due

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amountDue { get; set; } |

|  |
| --- |
| VB |
| Public Property amountDue As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amountDue {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amountDue : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.amountPaid Property

The amount that the student has actually paid

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amountPaid { get; set; } |

|  |
| --- |
| VB |
| Public Property amountPaid As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amountPaid {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amountPaid : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.month Property

The month in question

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int month { get; set; } |

|  |
| --- |
| VB |
| Public Property month As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int month {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member month : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.numberOfDays Property

The number of days that the student was present

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public int numberOfDays { get; set; } |

|  |
| --- |
| VB |
| Public Property numberOfDays As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: property int numberOfDays {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| member numberOfDays : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessFeeDueViewModel.MessFeeDueViewModel Methods

The [MessFeeDueViewModel](#_2B282871_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[MessFeeDueViewModel Class](#_2B282871_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel Class

View model for mess transactions

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [HostelManagement.Areas.HostelMessManagement.Models.DisplayStudentViewModel](#_A0AFFCB5_Topic)  
    HostelManagement.Areas.HostelMessManagement.Models.MessTransactionViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class MessTransactionViewModel : DisplayStudentViewModel |

|  |
| --- |
| VB |
| Public Class MessTransactionViewModel  Inherits DisplayStudentViewModel |

|  |
| --- |
| C++ |
| public ref class MessTransactionViewModel : public DisplayStudentViewModel |

|  |
| --- |
| F# |
| type MessTransactionViewModel =   class  inherit DisplayStudentViewModel  end |

The **MessTransactionViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [MessTransactionViewModel](#_2D5888D2_Topic) | Initializes a new instance of the **MessTransactionViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_DC2F24D1_Topic) | The academic year |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [amount](#_75FF6B82_Topic) | The amount transacted |
| Public property | [bankName](#_270B1E45_Topic) | The name of the bank |
| Public property | [bid](#_CEE43152_Topic) | The border ID of the student |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [dateOfPayment](#_60E4A12B_Topic) | The date of payment |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [month](#_406610A6_Topic) | The month |
| Public property | [name](#_9F573987_Topic) | The full name of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [paymentType](#_9802456E_Topic) | The payment type, that is, NEFT, challan and so on |
| Public property | [referenceNumber](#_83AA05E0_Topic) | The reference number for transaction |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [year](#_3351B5EE_Topic) | Academic year (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel Constructor

Initializes a new instance of the [MessTransactionViewModel](#_257BF433_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public MessTransactionViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: MessTransactionViewModel() |

|  |
| --- |
| F# |
| new : unit -> MessTransactionViewModel |

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.MessTransactionViewModel Properties

The [MessTransactionViewModel](#_257BF433_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_DC2F24D1_Topic) | The academic year |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [amount](#_75FF6B82_Topic) | The amount transacted |
| Public property | [bankName](#_270B1E45_Topic) | The name of the bank |
| Public property | [bid](#_CEE43152_Topic) | The border ID of the student |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [dateOfPayment](#_60E4A12B_Topic) | The date of payment |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [month](#_406610A6_Topic) | The month |
| Public property | [name](#_9F573987_Topic) | The full name of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [paymentType](#_9802456E_Topic) | The payment type, that is, NEFT, challan and so on |
| Public property | [referenceNumber](#_83AA05E0_Topic) | The reference number for transaction |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [year](#_3351B5EE_Topic) | Academic year (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.academicYear Property

The academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = "Academic Year")] public int academicYear { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1000, 9999)> <DisplayAttribute(Name := "Academic Year")> Public Property academicYear As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1000, 9999)] [DisplayAttribute(Name = L"Academic Year")] property int academicYear {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1000, 9999)>] [<DisplayAttribute(Name = "Academic Year")>] member academicYear : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.amount Property

The amount transacted

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(1, 1.79769313486232E+308)] [DisplayAttribute(Name = "Amount")] public decimal amount { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(1, 1.79769313486232E+308)> <DisplayAttribute(Name := "Amount")> Public Property amount As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(1, 1.79769313486232E+308)] [DisplayAttribute(Name = L"Amount")] property Decimal amount {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(1, 1.79769313486232E+308)>] [<DisplayAttribute(Name = "Amount")>] member amount : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.bankName Property

The name of the bank

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Bank Name")] public string bankName { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Bank Name")> Public Property bankName As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Bank Name")] property String^ bankName {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Bank Name")>] member bankName : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Border ID")] public string bid { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Border ID")> Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Border ID")] property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Border ID")>] member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.dateOfPayment Property

The date of payment

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Date of Payment")] public DateTime dateOfPayment { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Date of Payment")> Public Property dateOfPayment As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Date of Payment")] property DateTime dateOfPayment {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Date of Payment")>] member dateOfPayment : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.month Property

The month

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Month")] [RangeAttribute(1, 12)] public int month { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Month")> <RangeAttribute(1, 12)> Public Property month As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Month")] [RangeAttribute(1, 12)] property int month {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Month")>] [<RangeAttribute(1, 12)>] member month : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.paymentType Property

The payment type, that is, NEFT, challan and so on

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Payment Type")] public int paymentType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Payment Type")> Public Property paymentType As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Payment Type")] property int paymentType {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Payment Type")>] member paymentType : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.referenceNumber Property

The reference number for transaction

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Reference Number")] public string referenceNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Reference Number")> Public Property referenceNumber As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Reference Number")] property String^ referenceNumber {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Reference Number")>] member referenceNumber : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# MessTransactionViewModel.MessTransactionViewModel Methods

The [MessTransactionViewModel](#_257BF433_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[MessTransactionViewModel Class](#_257BF433_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel Class

View model for removing a student

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [HostelManagement.Areas.HostelMessManagement.Models.DisplayStudentViewModel](#_A0AFFCB5_Topic)  
    HostelManagement.Areas.HostelMessManagement.Models.RemoveStudentViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class RemoveStudentViewModel : DisplayStudentViewModel |

|  |
| --- |
| VB |
| Public Class RemoveStudentViewModel  Inherits DisplayStudentViewModel |

|  |
| --- |
| C++ |
| public ref class RemoveStudentViewModel : public DisplayStudentViewModel |

|  |
| --- |
| F# |
| type RemoveStudentViewModel =   class  inherit DisplayStudentViewModel  end |

The **RemoveStudentViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [RemoveStudentViewModel](#_1B03272A_Topic) | Initializes a new instance of the **RemoveStudentViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [bid](#_32E334F2_Topic) | The border ID of the student |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [depRefund](#_E20F342D_Topic) | The amount of security deposit to be refunded |
| Public property | [depRefundRef](#_89FBA77D_Topic) | The refrence number for the security deposit refund |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [fixRefund](#_CBBE0B27_Topic) | The amount of fixed deposit to be refunded |
| Public property | [fixRefundRef](#_E6A26086_Topic) | The refrence number for the fixed deposit refund |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [name](#_9F573987_Topic) | The full name of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [rentRefund](#_189E7C53_Topic) | The amount of rent to be refunded |
| Public property | [rentRefundRef](#_4734E96D_Topic) | The refrence number of the rent refund |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [year](#_3351B5EE_Topic) | Academic year (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel Constructor

Initializes a new instance of the [RemoveStudentViewModel](#_458C49C4_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public RemoveStudentViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: RemoveStudentViewModel() |

|  |
| --- |
| F# |
| new : unit -> RemoveStudentViewModel |

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.RemoveStudentViewModel Properties

The [RemoveStudentViewModel](#_458C49C4_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [allotments](#_4B27ED5F_Topic) | The rooms that have been alloted to the student so far (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [bid](#_32E334F2_Topic) | The border ID of the student |
| Public property | [branch](#_4E14E733_Topic) | The department to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [course](#_408CF398_Topic) | The course that the student is taking (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [depRefund](#_E20F342D_Topic) | The amount of security deposit to be refunded |
| Public property | [depRefundRef](#_89FBA77D_Topic) | The refrence number for the security deposit refund |
| Public property | [dob](#_54DA1544_Topic) | The date of birth of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [fixRefund](#_CBBE0B27_Topic) | The amount of fixed deposit to be refunded |
| Public property | [fixRefundRef](#_E6A26086_Topic) | The refrence number for the fixed deposit refund |
| Public property | [gender](#_5F1F582F_Topic) | The gender of the stdudent (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [name](#_9F573987_Topic) | The full name of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [rentRefund](#_189E7C53_Topic) | The amount of rent to be refunded |
| Public property | [rentRefundRef](#_4734E96D_Topic) | The refrence number of the rent refund |
| Public property | [semester](#_A5354E22_Topic) | The semster to which the student belongs to (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [usn](#_4919CF03_Topic) | The university seat number of the student (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |
| Public property | [year](#_3351B5EE_Topic) | Academic year (Inherited from [DisplayStudentViewModel](#_A0AFFCB5_Topic).) |

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Border ID")] public string bid { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Border ID")> Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Border ID")] property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Border ID")>] member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.depRefund Property

The amount of security deposit to be refunded

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(0, 1.79769313486232E+308)] public decimal depRefund { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(0, 1.79769313486232E+308)> Public Property depRefund As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(0, 1.79769313486232E+308)] property Decimal depRefund {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(0, 1.79769313486232E+308)>] member depRefund : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.depRefundRef Property

The refrence number for the security deposit refund

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string depRefundRef { get; set; } |

|  |
| --- |
| VB |
| Public Property depRefundRef As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ depRefundRef {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member depRefundRef : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.fixRefund Property

The amount of fixed deposit to be refunded

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(0, 1.79769313486232E+308)] public decimal fixRefund { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(0, 1.79769313486232E+308)> Public Property fixRefund As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(0, 1.79769313486232E+308)] property Decimal fixRefund {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(0, 1.79769313486232E+308)>] member fixRefund : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.fixRefundRef Property

The refrence number for the fixed deposit refund

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string fixRefundRef { get; set; } |

|  |
| --- |
| VB |
| Public Property fixRefundRef As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ fixRefundRef {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member fixRefundRef : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.rentRefund Property

The amount of rent to be refunded

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(0, 1.79769313486232E+308)] public decimal rentRefund { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(0, 1.79769313486232E+308)> Public Property rentRefund As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(0, 1.79769313486232E+308)] property Decimal rentRefund {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(0, 1.79769313486232E+308)>] member rentRefund : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.rentRefundRef Property

The refrence number of the rent refund

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string rentRefundRef { get; set; } |

|  |
| --- |
| VB |
| Public Property rentRefundRef As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ rentRefundRef {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member rentRefundRef : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# RemoveStudentViewModel.RemoveStudentViewModel Methods

The [RemoveStudentViewModel](#_458C49C4_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[RemoveStudentViewModel Class](#_458C49C4_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# SearchViewModel Class

View model to search for a student

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.SearchViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class SearchViewModel |

|  |
| --- |
| VB |
| Public Class SearchViewModel |

|  |
| --- |
| C++ |
| public ref class SearchViewModel |

|  |
| --- |
| F# |
| type SearchViewModel = class end |

The **SearchViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [SearchViewModel](#_8B959CB6_Topic) | Initializes a new instance of the **SearchViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [hostelType](#_4B3ABD2A_Topic) | The type of hostel |
| Public property | [roomType](#_3D531B1A_Topic) | The type of room |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# SearchViewModel Constructor

Initializes a new instance of the [SearchViewModel](#_51729BDA_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public SearchViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: SearchViewModel() |

|  |
| --- |
| F# |
| new : unit -> SearchViewModel |

## See Also

[SearchViewModel Class](#_51729BDA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# SearchViewModel.SearchViewModel Properties

The [SearchViewModel](#_51729BDA_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [hostelType](#_4B3ABD2A_Topic) | The type of hostel |
| Public property | [roomType](#_3D531B1A_Topic) | The type of room |

## See Also

[SearchViewModel Class](#_51729BDA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# SearchViewModel.hostelType Property

The type of hostel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Hostel Type")] public int hostelType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Hostel Type")> Public Property hostelType As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Hostel Type")] property int hostelType {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Hostel Type")>] member hostelType : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[SearchViewModel Class](#_51729BDA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# SearchViewModel.roomType Property

The type of room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Type")] public int roomType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Type")> Public Property roomType As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Type")] property int roomType {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Type")>] member roomType : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[SearchViewModel Class](#_51729BDA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# SearchViewModel.SearchViewModel Methods

The [SearchViewModel](#_51729BDA_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[SearchViewModel Class](#_51729BDA_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel Class

View model for student fee due summary

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.StudentDueSummaryViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class StudentDueSummaryViewModel |

|  |
| --- |
| VB |
| Public Class StudentDueSummaryViewModel |

|  |
| --- |
| C++ |
| public ref class StudentDueSummaryViewModel |

|  |
| --- |
| F# |
| type StudentDueSummaryViewModel = class end |

The **StudentDueSummaryViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [StudentDueSummaryViewModel](#_A8F88C18_Topic) | Initializes a new instance of the **StudentDueSummaryViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_2125910E_Topic) | The border ID of the student |
| Public property | [deposit](#_13F8F730_Topic) | Security deposit |
| Public property | [fix](#_C9ADAB3B_Topic) | Fixed charges |
| Public property | [other](#_E0417FFB_Topic) | Other charges |
| Public property | [rent](#_552E649B_Topic) | Rent |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel Constructor

Initializes a new instance of the [StudentDueSummaryViewModel](#_1C499551_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public StudentDueSummaryViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: StudentDueSummaryViewModel() |

|  |
| --- |
| F# |
| new : unit -> StudentDueSummaryViewModel |

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.StudentDueSummaryViewModel Properties

The [StudentDueSummaryViewModel](#_1C499551_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_2125910E_Topic) | The border ID of the student |
| Public property | [deposit](#_13F8F730_Topic) | Security deposit |
| Public property | [fix](#_C9ADAB3B_Topic) | Fixed charges |
| Public property | [other](#_E0417FFB_Topic) | Other charges |
| Public property | [rent](#_552E649B_Topic) | Rent |

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.deposit Property

Security deposit

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal deposit { get; set; } |

|  |
| --- |
| VB |
| Public Property deposit As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal deposit {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member deposit : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.fix Property

Fixed charges

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal fix { get; set; } |

|  |
| --- |
| VB |
| Public Property fix As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal fix {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member fix : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.other Property

Other charges

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal other { get; set; } |

|  |
| --- |
| VB |
| Public Property other As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal other {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member other : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.rent Property

Rent

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal rent { get; set; } |

|  |
| --- |
| VB |
| Public Property rent As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal rent {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member rent : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentDueSummaryViewModel.StudentDueSummaryViewModel Methods

The [StudentDueSummaryViewModel](#_1C499551_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[StudentDueSummaryViewModel Class](#_1C499551_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentMessDueSummaryViewModel Class

View model for student mess due summary

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.StudentMessDueSummaryViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class StudentMessDueSummaryViewModel |

|  |
| --- |
| VB |
| Public Class StudentMessDueSummaryViewModel |

|  |
| --- |
| C++ |
| public ref class StudentMessDueSummaryViewModel |

|  |
| --- |
| F# |
| type StudentMessDueSummaryViewModel = class end |

The **StudentMessDueSummaryViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [StudentMessDueSummaryViewModel](#_1188DA17_Topic) | Initializes a new instance of the **StudentMessDueSummaryViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_AED063CB_Topic) | the border ID of the student |
| Public property | [dues](#_4310B9A1_Topic) | A list of mess fee dues |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentMessDueSummaryViewModel Constructor

Initializes a new instance of the [StudentMessDueSummaryViewModel](#_4765BC04_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public StudentMessDueSummaryViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: StudentMessDueSummaryViewModel() |

|  |
| --- |
| F# |
| new : unit -> StudentMessDueSummaryViewModel |

## See Also

[StudentMessDueSummaryViewModel Class](#_4765BC04_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentMessDueSummaryViewModel.StudentMessDueSummaryViewModel Properties

The [StudentMessDueSummaryViewModel](#_4765BC04_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_AED063CB_Topic) | the border ID of the student |
| Public property | [dues](#_4310B9A1_Topic) | A list of mess fee dues |

## See Also

[StudentMessDueSummaryViewModel Class](#_4765BC04_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentMessDueSummaryViewModel.bid Property

the border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[StudentMessDueSummaryViewModel Class](#_4765BC04_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentMessDueSummaryViewModel.dues Property

A list of mess fee dues

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public List<MessFeeDueViewModel> dues { get; set; } |

|  |
| --- |
| VB |
| Public Property dues As List(Of MessFeeDueViewModel)  Get  Set |

|  |
| --- |
| C++ |
| public: property List<MessFeeDueViewModel^>^ dues {  List<MessFeeDueViewModel^>^ get ();  void set (List<MessFeeDueViewModel^>^ value); } |

|  |
| --- |
| F# |
| member dues : List<MessFeeDueViewModel> with get, set |

#### Property Value

Type: [List](http://msdn2.microsoft.com/en-us/library/6sh2ey19)([MessFeeDueViewModel](#_2B282871_Topic))

## See Also

[StudentMessDueSummaryViewModel Class](#_4765BC04_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentMessDueSummaryViewModel.StudentMessDueSummaryViewModel Methods

The [StudentMessDueSummaryViewModel](#_4765BC04_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[StudentMessDueSummaryViewModel Class](#_4765BC04_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentSearchViewModel Class

View model for student search

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.StudentSearchViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class StudentSearchViewModel |

|  |
| --- |
| VB |
| Public Class StudentSearchViewModel |

|  |
| --- |
| C++ |
| public ref class StudentSearchViewModel |

|  |
| --- |
| F# |
| type StudentSearchViewModel = class end |

The **StudentSearchViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [StudentSearchViewModel](#_798A37AC_Topic) | Initializes a new instance of the **StudentSearchViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_4760F2EC_Topic) | The border ID of the student |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentSearchViewModel Constructor

Initializes a new instance of the [StudentSearchViewModel](#_912BC678_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public StudentSearchViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: StudentSearchViewModel() |

|  |
| --- |
| F# |
| new : unit -> StudentSearchViewModel |

## See Also

[StudentSearchViewModel Class](#_912BC678_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentSearchViewModel.StudentSearchViewModel Properties

The [StudentSearchViewModel](#_912BC678_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [bid](#_4760F2EC_Topic) | The border ID of the student |

## See Also

[StudentSearchViewModel Class](#_912BC678_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentSearchViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Border ID")] public string bid { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Border ID")> Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Border ID")] property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Border ID")>] member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[StudentSearchViewModel Class](#_912BC678_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentSearchViewModel.StudentSearchViewModel Methods

The [StudentSearchViewModel](#_912BC678_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[StudentSearchViewModel Class](#_912BC678_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel Class

View model to display a student

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.StudentViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class StudentViewModel |

|  |
| --- |
| VB |
| Public Class StudentViewModel |

|  |
| --- |
| C++ |
| public ref class StudentViewModel |

|  |
| --- |
| F# |
| type StudentViewModel = class end |

The **StudentViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [StudentViewModel](#_300762EB_Topic) | Initializes a new instance of the **StudentViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [blockNumber](#_9082ABAD_Topic) | The hostel block number |
| Public property | [branch](#_3DC2A79C_Topic) | The department that the student belongs to |
| Public property | [course](#_D2F7F88E_Topic) | The course that the student is taking |
| Public property | [dob](#_3438B68D_Topic) | The date of birth of the student |
| Public property | [doj](#_5105D1FF_Topic) | The date on which the student joined |
| Public property | [floorNumber](#_BD417BC7_Topic) | The floor number |
| Public property | [gender](#_9C337115_Topic) | The gender of the student |
| Public property | [name](#_A86803B8_Topic) | The student full name |
| Public property | [roomNumber](#_6D002DB2_Topic) | The room number |
| Public property | [roomType](#_14B3E9E0_Topic) | The type of room |
| Public property | [semester](#_CCA99152_Topic) | The semester of the student |
| Public property | [usn](#_F627CE5A_Topic) | The university seat number of the student |
| Public property | [year](#_662716C_Topic) | The year that the student joined |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel Constructor

Initializes a new instance of the [StudentViewModel](#_4E517C84_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public StudentViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: StudentViewModel() |

|  |
| --- |
| F# |
| new : unit -> StudentViewModel |

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.StudentViewModel Properties

The [StudentViewModel](#_4E517C84_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [blockNumber](#_9082ABAD_Topic) | The hostel block number |
| Public property | [branch](#_3DC2A79C_Topic) | The department that the student belongs to |
| Public property | [course](#_D2F7F88E_Topic) | The course that the student is taking |
| Public property | [dob](#_3438B68D_Topic) | The date of birth of the student |
| Public property | [doj](#_5105D1FF_Topic) | The date on which the student joined |
| Public property | [floorNumber](#_BD417BC7_Topic) | The floor number |
| Public property | [gender](#_9C337115_Topic) | The gender of the student |
| Public property | [name](#_A86803B8_Topic) | The student full name |
| Public property | [roomNumber](#_6D002DB2_Topic) | The room number |
| Public property | [roomType](#_14B3E9E0_Topic) | The type of room |
| Public property | [semester](#_CCA99152_Topic) | The semester of the student |
| Public property | [usn](#_F627CE5A_Topic) | The university seat number of the student |
| Public property | [year](#_662716C_Topic) | The year that the student joined |

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.blockNumber Property

The hostel block number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Hostel Block Number")] public int blockNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Hostel Block Number")> Public Property blockNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Hostel Block Number")] property int blockNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Hostel Block Number")>] member blockNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.branch Property

The department that the student belongs to

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Department")] public int branch { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Department")> Public Property branch As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Department")] property int branch {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Department")>] member branch : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.course Property

The course that the student is taking

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Course")] public int course { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Course")> Public Property course As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Course")] property int course {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Course")>] member course : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.dob Property

The date of birth of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Date)] [DisplayAttribute(Name = "Date of Birth")] public DateTime dob { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Date)> <DisplayAttribute(Name := "Date of Birth")> Public Property dob As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Date)] [DisplayAttribute(Name = L"Date of Birth")] property DateTime dob {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Date)>] [<DisplayAttribute(Name = "Date of Birth")>] member dob : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.doj Property

The date on which the student joined

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Date)] [DisplayAttribute(Name = "Date of Joining")] public DateTime doj { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Date)> <DisplayAttribute(Name := "Date of Joining")> Public Property doj As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Date)] [DisplayAttribute(Name = L"Date of Joining")] property DateTime doj {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Date)>] [<DisplayAttribute(Name = "Date of Joining")>] member doj : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.floorNumber Property

The floor number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Floor Number")] public int floorNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Floor Number")> Public Property floorNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Floor Number")] property int floorNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Floor Number")>] member floorNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.gender Property

The gender of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Gender")] public int gender { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Gender")> Public Property gender As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Gender")] property int gender {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Gender")>] member gender : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.name Property

The student full name

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Student Full Name")] public string name { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Student Full Name")> Public Property name As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Student Full Name")] property String^ name {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Student Full Name")>] member name : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.roomNumber Property

The room number

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Number")] public int roomNumber { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Number")> Public Property roomNumber As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Number")] property int roomNumber {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Number")>] member roomNumber : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.roomType Property

The type of room

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Room Type")] public int roomType { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Room Type")> Public Property roomType As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Room Type")] property int roomType {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Room Type")>] member roomType : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.semester Property

The semester of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "Semester")] public int semester { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "Semester")> Public Property semester As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"Semester")] property int semester {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "Semester")>] member semester : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.usn Property

The university seat number of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [DisplayAttribute(Name = "University Seat Number")] public string usn { get; set; } |

|  |
| --- |
| VB |
| <DisplayAttribute(Name := "University Seat Number")> Public Property usn As String  Get  Set |

|  |
| --- |
| C++ |
| public: [DisplayAttribute(Name = L"University Seat Number")] property String^ usn {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<DisplayAttribute(Name = "University Seat Number")>] member usn : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.year Property

The year that the student joined

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [RangeAttribute(2000, 9999)] [DisplayAttribute(Name = "Year of Joining")] public int year { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <RangeAttribute(2000, 9999)> <DisplayAttribute(Name := "Year of Joining")> Public Property year As Integer  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [RangeAttribute(2000, 9999)] [DisplayAttribute(Name = L"Year of Joining")] property int year {  int get ();  void set (int value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<RangeAttribute(2000, 9999)>] [<DisplayAttribute(Name = "Year of Joining")>] member year : int with get, set |

#### Property Value

Type: [Int32](http://msdn2.microsoft.com/en-us/library/td2s409d)

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# StudentViewModel.StudentViewModel Methods

The [StudentViewModel](#_4E517C84_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[StudentViewModel Class](#_4E517C84_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel Class

View model for transactions

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Areas.HostelMessManagement.Models.TransactionsViewModel

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class TransactionsViewModel |

|  |
| --- |
| VB |
| Public Class TransactionsViewModel |

|  |
| --- |
| C++ |
| public ref class TransactionsViewModel |

|  |
| --- |
| F# |
| type TransactionsViewModel = class end |

The **TransactionsViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [TransactionsViewModel](#_DEBBEEFC_Topic) | Initializes a new instance of the **TransactionsViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_4F4968B1_Topic) | The academic year |
| Public property | [accountHead](#_DB639382_Topic) | The account head, that is, rent, fixed deposit and so on |
| Public property | [amount](#_66A2D8A4_Topic) | The amount |
| Public property | [bankName](#_98A8D9DB_Topic) | The name of the bank |
| Public property | [bid](#_25BE7291_Topic) | The border ID of the student |
| Public property | [dateOfPay](#_EA570B2E_Topic) | The date of payment |
| Public property | [id](#_1E40ED32_Topic) | The transaction ID |
| Public property | [paymentType](#_7E94C9E5_Topic) | The payment type, that is, NEFT, challan and so on |
| Public property | [transaction](#_BE4751F5_Topic) | The transaction refrence |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel Constructor

Initializes a new instance of the [TransactionsViewModel](#_FA9CF992_Topic) class

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public TransactionsViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: TransactionsViewModel() |

|  |
| --- |
| F# |
| new : unit -> TransactionsViewModel |

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.TransactionsViewModel Properties

The [TransactionsViewModel](#_FA9CF992_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [academicYear](#_4F4968B1_Topic) | The academic year |
| Public property | [accountHead](#_DB639382_Topic) | The account head, that is, rent, fixed deposit and so on |
| Public property | [amount](#_66A2D8A4_Topic) | The amount |
| Public property | [bankName](#_98A8D9DB_Topic) | The name of the bank |
| Public property | [bid](#_25BE7291_Topic) | The border ID of the student |
| Public property | [dateOfPay](#_EA570B2E_Topic) | The date of payment |
| Public property | [id](#_1E40ED32_Topic) | The transaction ID |
| Public property | [paymentType](#_7E94C9E5_Topic) | The payment type, that is, NEFT, challan and so on |
| Public property | [transaction](#_BE4751F5_Topic) | The transaction refrence |

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.academicYear Property

The academic year

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string academicYear { get; set; } |

|  |
| --- |
| VB |
| Public Property academicYear As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ academicYear {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member academicYear : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.accountHead Property

The account head, that is, rent, fixed deposit and so on

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string accountHead { get; set; } |

|  |
| --- |
| VB |
| Public Property accountHead As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ accountHead {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member accountHead : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.amount Property

The amount

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public decimal amount { get; set; } |

|  |
| --- |
| VB |
| Public Property amount As Decimal  Get  Set |

|  |
| --- |
| C++ |
| public: property Decimal amount {  Decimal get ();  void set (Decimal value); } |

|  |
| --- |
| F# |
| member amount : decimal with get, set |

#### Property Value

Type: [Decimal](http://msdn2.microsoft.com/en-us/library/1k2e8atx)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.bankName Property

The name of the bank

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bankName { get; set; } |

|  |
| --- |
| VB |
| Public Property bankName As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bankName {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bankName : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.bid Property

The border ID of the student

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string bid { get; set; } |

|  |
| --- |
| VB |
| Public Property bid As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ bid {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member bid : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.dateOfPay Property

The date of payment

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public DateTime dateOfPay { get; set; } |

|  |
| --- |
| VB |
| Public Property dateOfPay As DateTime  Get  Set |

|  |
| --- |
| C++ |
| public: property DateTime dateOfPay {  DateTime get ();  void set (DateTime value); } |

|  |
| --- |
| F# |
| member dateOfPay : DateTime with get, set |

#### Property Value

Type: [DateTime](http://msdn2.microsoft.com/en-us/library/03ybds8y)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.id Property

The transaction ID

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string id { get; set; } |

|  |
| --- |
| VB |
| Public Property id As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ id {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member id : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.paymentType Property

The payment type, that is, NEFT, challan and so on

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string paymentType { get; set; } |

|  |
| --- |
| VB |
| Public Property paymentType As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ paymentType {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member paymentType : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.transaction Property

The transaction refrence

**Namespace:** [HostelManagement.Areas.HostelMessManagement.Models](#_4B9BC217_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string transaction { get; set; } |

|  |
| --- |
| VB |
| Public Property transaction As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ transaction {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member transaction : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# TransactionsViewModel.TransactionsViewModel Methods

The [TransactionsViewModel](#_FA9CF992_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[TransactionsViewModel Class](#_FA9CF992_Topic)

[HostelManagement.Areas.HostelMessManagement.Models Namespace](#_4B9BC217_Topic)

# HostelManagement.Controllers Namespace

All the controllers outside all the areas

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [HomeController](#_856B1946_Topic) | The home controller |

# HomeController Class

The home controller

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950)  
    [Controller](http://msdn2.microsoft.com/en-us/library/dd460481)  
      HostelManagement.Controllers.HomeController

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [AllowAnonymousAttribute] public class HomeController : Controller |

|  |
| --- |
| VB |
| <AllowAnonymousAttribute> Public Class HomeController  Inherits Controller |

|  |
| --- |
| C++ |
| [AllowAnonymousAttribute] public ref class HomeController : public Controller |

|  |
| --- |
| F# |
| [<AllowAnonymousAttribute>] type HomeController =   class  inherit Controller  end |

The **HomeController** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HomeController()](#_45A87377_Topic) | Initializes a new instance of the **HomeController** class |
| Public method | [HomeController(UserManager(AppUser))](#_4947E5A7_Topic) | Initializes a new instance of the **HomeController** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](#_9E4E60B6_Topic) | Releases the unmanaged resources used by the **HomeController** and optionally releases the managed resources (Overrides [Controller.Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Private method | [GetAuthenticationManager](#_BBDBAFF9_Topic) |  |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index(String)](#_43187ED0_Topic) | Action method to display the login page |
| Public method | [Index(LoginViewModel)](#_9F1605EA_Topic) | Action method to log in the user |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [MeetDevelopers](#_C42F25AC_Topic) | Action Method to display the page to meet the developers |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController Constructor

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [HomeController()](#_45A87377_Topic) | Initializes a new instance of the [HomeController](#_856B1946_Topic) class |
| Public method | [HomeController(UserManager(AppUser))](#_4947E5A7_Topic) | Initializes a new instance of the [HomeController](#_856B1946_Topic) class |

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController Constructor

Initializes a new instance of the [HomeController](#_856B1946_Topic) class

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HomeController() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: HomeController() |

|  |
| --- |
| F# |
| new : unit -> HomeController |

## See Also

[HomeController Class](#_856B1946_Topic)

[HomeController Overload](#_27B428D2_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController Constructor (UserManager`1(AppUser))

Initializes a new instance of the [HomeController](#_856B1946_Topic) class

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public HomeController(  UserManager<AppUser> userManager ) |

|  |
| --- |
| VB |
| Public Sub New (   userManager As UserManager(Of AppUser) ) |

|  |
| --- |
| C++ |
| public: HomeController(  UserManager<AppUser^>^ userManager ) |

|  |
| --- |
| F# |
| new :   userManager : UserManager<AppUser> -> HomeController |

#### Parameters

userManager

Type: [UserManager](http://msdn2.microsoft.com/en-us/library/dn468199)([AppUser](#_996EEE3F_Topic))

## See Also

[HomeController Class](#_856B1946_Topic)

[HomeController Overload](#_27B428D2_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.HomeController Properties

The [HomeController](#_856B1946_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [ActionInvoker](http://msdn2.microsoft.com/en-us/library/dd505131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [AsyncManager](http://msdn2.microsoft.com/en-us/library/hh699618) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | [Binders](http://msdn2.microsoft.com/en-us/library/dd492975) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ControllerContext](http://msdn2.microsoft.com/en-us/library/dd505205) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected property | [DisableAsyncSupport](http://msdn2.microsoft.com/en-us/library/hh699621) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [HttpContext](http://msdn2.microsoft.com/en-us/library/dd470552) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ModelState](http://msdn2.microsoft.com/en-us/library/dd504944) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Profile](http://msdn2.microsoft.com/en-us/library/hh413769) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Request](http://msdn2.microsoft.com/en-us/library/dd492753) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Resolver](http://msdn2.microsoft.com/en-us/library/dn725516) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Response](http://msdn2.microsoft.com/en-us/library/dd470578) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected property | **RouteCollection** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [RouteData](http://msdn2.microsoft.com/en-us/library/dd492210) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Server](http://msdn2.microsoft.com/en-us/library/dd505016) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Session](http://msdn2.microsoft.com/en-us/library/dd492995) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [TempData](http://msdn2.microsoft.com/en-us/library/dd470383) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [TempDataProvider](http://msdn2.microsoft.com/en-us/library/dd460181) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [Url](http://msdn2.microsoft.com/en-us/library/dd492973) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [User](http://msdn2.microsoft.com/en-us/library/dd493019) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public property | [ValidateRequest](http://msdn2.microsoft.com/en-us/library/dd460533) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ValueProvider](http://msdn2.microsoft.com/en-us/library/dd470838) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewBag](http://msdn2.microsoft.com/en-us/library/gg480763) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewData](http://msdn2.microsoft.com/en-us/library/dd493086) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Public property | [ViewEngineCollection](http://msdn2.microsoft.com/en-us/library/hh413932) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.HomeController Methods

The [HomeController](#_856B1946_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Protected method | [BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699622) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [BeginExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699616) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String)](http://msdn2.microsoft.com/en-us/library/dd470588) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String)](http://msdn2.microsoft.com/en-us/library/dd492713) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Content(String, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd505216) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateActionInvoker](http://msdn2.microsoft.com/en-us/library/ee264001) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [CreateTempDataProvider](http://msdn2.microsoft.com/en-us/library/ee703613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](#_9E4E60B6_Topic) | (Overrides [Controller.Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699).) |
| Protected method | [EndExecute](http://msdn2.microsoft.com/en-us/library/hh699630) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [EndExecuteCore](http://msdn2.microsoft.com/en-us/library/hh699625) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Execute](http://msdn2.microsoft.com/en-us/library/dd460277) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [ExecuteCore](http://msdn2.microsoft.com/en-us/library/dd505239) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String)](http://msdn2.microsoft.com/en-us/library/dd460208) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String)](http://msdn2.microsoft.com/en-us/library/dd493017) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String)](http://msdn2.microsoft.com/en-us/library/dd492492) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Byte[], String, String)](http://msdn2.microsoft.com/en-us/library/dd470835) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(Stream, String, String)](http://msdn2.microsoft.com/en-us/library/dd505200) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [File(String, String, String)](http://msdn2.microsoft.com/en-us/library/dd492593) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Private method | [GetAuthenticationManager](#_BBDBAFF9_Topic) |  |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [HandleUnknownAction](http://msdn2.microsoft.com/en-us/library/dd492730) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound()](http://msdn2.microsoft.com/en-us/library/gg453938) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [HttpNotFound(String)](http://msdn2.microsoft.com/en-us/library/gg402084) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [Index(String)](#_43187ED0_Topic) | Action method to display the login page |
| Public method | [Index(LoginViewModel)](#_9F1605EA_Topic) | Action method to log in the user |
| Protected method | [Initialize](http://msdn2.microsoft.com/en-us/library/dd470201) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [JavaScript](http://msdn2.microsoft.com/en-us/library/dd505087) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object)](http://msdn2.microsoft.com/en-us/library/dd504936) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String)](http://msdn2.microsoft.com/en-us/library/dd470169) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding)](http://msdn2.microsoft.com/en-us/library/dd470587) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430918) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Json(Object, String, Encoding, JsonRequestBehavior)](http://msdn2.microsoft.com/en-us/library/ee430908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [MeetDevelopers](#_C42F25AC_Topic) | Action Method to display the page to meet the developers |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd460283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd493080) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202815) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202820) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd470545) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnException](http://msdn2.microsoft.com/en-us/library/dd460532) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd470615) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504998) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView()](http://msdn2.microsoft.com/en-us/library/dd460345) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(Object)](http://msdn2.microsoft.com/en-us/library/dd470145) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String)](http://msdn2.microsoft.com/en-us/library/dd505247) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [PartialView(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460161) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblyLoadTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **PossiblySaveTempData** | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Redirect](http://msdn2.microsoft.com/en-us/library/dd492671) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectPermanent](http://msdn2.microsoft.com/en-us/library/gg401950) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String)](http://msdn2.microsoft.com/en-us/library/dd460241) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460291) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd492939) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String)](http://msdn2.microsoft.com/en-us/library/dd470594) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd460311) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToAction(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505283) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453902) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg453883) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453920) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String)](http://msdn2.microsoft.com/en-us/library/gg453904) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, Object)](http://msdn2.microsoft.com/en-us/library/gg401893) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToActionPermanent(String, String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453864) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(Object)](http://msdn2.microsoft.com/en-us/library/dd470174) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd470199) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String)](http://msdn2.microsoft.com/en-us/library/dd492497) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, Object)](http://msdn2.microsoft.com/en-us/library/dd470522) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoute(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/dd505024) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(Object)](http://msdn2.microsoft.com/en-us/library/gg453870) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String)](http://msdn2.microsoft.com/en-us/library/gg453941) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, Object)](http://msdn2.microsoft.com/en-us/library/gg416644) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [RedirectToRoutePermanent(String, RouteValueDictionary)](http://msdn2.microsoft.com/en-us/library/gg453955) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [TryUpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd460189) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd493137) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd470377) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728634) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd470908) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee721265) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703530) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd492957) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703635) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryUpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703452) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356143) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [TryValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356144) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP)](http://msdn2.microsoft.com/en-us/library/dd470933) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String)](http://msdn2.microsoft.com/en-us/library/dd470808) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[])](http://msdn2.microsoft.com/en-us/library/dd492193) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703656) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[])](http://msdn2.microsoft.com/en-us/library/dd505127) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String, IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee728613) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703486) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[])](http://msdn2.microsoft.com/en-us/library/dd470388) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703664) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [UpdateModel``1(UMP, String,String[],String[], IValueProvider)](http://msdn2.microsoft.com/en-us/library/ee703509) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object)](http://msdn2.microsoft.com/en-us/library/ff356131) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [ValidateModel(Object, String)](http://msdn2.microsoft.com/en-us/library/ff356138) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | **VerifyExecuteCalledOnce** | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Protected method | [View()](http://msdn2.microsoft.com/en-us/library/dd460331) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(Object)](http://msdn2.microsoft.com/en-us/library/dd492930) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String)](http://msdn2.microsoft.com/en-us/library/dd460352) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView)](http://msdn2.microsoft.com/en-us/library/dd460327) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String)](http://msdn2.microsoft.com/en-us/library/dd470743) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, Object)](http://msdn2.microsoft.com/en-us/library/dd460310) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(IView, Object)](http://msdn2.microsoft.com/en-us/library/dd470544) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [View(String, String, Object)](http://msdn2.microsoft.com/en-us/library/dd492244) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## Explicit Interface Implementations

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#BeginExecute](http://msdn2.microsoft.com/en-us/library/hh699627) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Async#IAsyncController#EndExecute](http://msdn2.microsoft.com/en-us/library/hh699617) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IController#Execute](http://msdn2.microsoft.com/en-us/library/dd504937) | (Inherited from [ControllerBase](http://msdn2.microsoft.com/en-us/library/dd504950).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuted](http://msdn2.microsoft.com/en-us/library/dd493110) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IActionFilter#OnActionExecuting](http://msdn2.microsoft.com/en-us/library/dd492517) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthentication](http://msdn2.microsoft.com/en-us/library/dn202827) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#Filters#IAuthenticationFilter#OnAuthenticationChallenge](http://msdn2.microsoft.com/en-us/library/dn202828) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IAuthorizationFilter#OnAuthorization](http://msdn2.microsoft.com/en-us/library/dd505057) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IExceptionFilter#OnException](http://msdn2.microsoft.com/en-us/library/dd470196) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuted](http://msdn2.microsoft.com/en-us/library/dd505154) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Explicit interface implementationPrivate method | [System#Web#Mvc#IResultFilter#OnResultExecuting](http://msdn2.microsoft.com/en-us/library/dd504934) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.Dispose Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Dispose()](http://msdn2.microsoft.com/en-us/library/dd492966) | (Inherited from [Controller](http://msdn2.microsoft.com/en-us/library/dd460481).) |
| Protected method | [Dispose(Boolean)](#_9E4E60B6_Topic) | Releases the unmanaged resources used by the [HomeController](#_856B1946_Topic) and optionally releases the managed resources (Overrides [Controller.Dispose(Boolean)](http://msdn2.microsoft.com/en-us/library/dd492699).) |

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.Dispose Method (Boolean)

Releases the unmanaged resources used by the [HomeController](#_856B1946_Topic) and optionally releases the managed resources

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| protected override void Dispose(  bool disposing ) |

|  |
| --- |
| VB |
| Protected Overrides Sub Dispose (   disposing As Boolean ) |

|  |
| --- |
| C++ |
| protected: virtual void Dispose(  bool disposing ) override |

|  |
| --- |
| F# |
| abstract Dispose :   disposing : bool -> unit  override Dispose :   disposing : bool -> unit |

#### Parameters

disposing

Type: [System.Boolean](http://msdn2.microsoft.com/en-us/library/a28wyd50)

True to release both managed and unmanaged resources; false to release only unmanaged resources

## See Also

[HomeController Class](#_856B1946_Topic)

[Dispose Overload](#_405B566B_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.GetAuthenticationManager Method

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| private IAuthenticationManager GetAuthenticationManager() |

|  |
| --- |
| VB |
| Private Function GetAuthenticationManager As IAuthenticationManager |

|  |
| --- |
| C++ |
| private: IAuthenticationManager^ GetAuthenticationManager() |

|  |
| --- |
| F# |
| private member GetAuthenticationManager : unit -> IAuthenticationManager |

#### Return Value

Type: [IAuthenticationManager](http://msdn2.microsoft.com/en-us/library/dn308208)

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.Index Method

## Overload List

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Index(String)](#_43187ED0_Topic) | Action method to display the login page |
| Public method | [Index(LoginViewModel)](#_9F1605EA_Topic) | Action method to log in the user |

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.Index Method (String)

Action method to display the login page

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpGetAttribute] public ActionResult Index(  string returnUrl ) |

|  |
| --- |
| VB |
| <HttpGetAttribute> Public Function Index (   returnUrl As String ) As ActionResult |

|  |
| --- |
| C++ |
| public: [HttpGetAttribute] ActionResult^ Index(  String^ returnUrl ) |

|  |
| --- |
| F# |
| [<HttpGetAttribute>] member Index :   returnUrl : string -> ActionResult |

#### Parameters

returnUrl

Type: [System.String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

the redirection URL

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_856B1946_Topic)

[Index Overload](#_374DDE83_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.Index Method (LoginViewModel)

Action method to log in the user

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HttpPostAttribute] public Task<ActionResult> Index(  LoginViewModel model ) |

|  |
| --- |
| VB |
| <HttpPostAttribute> Public Function Index (   model As LoginViewModel ) As Task(Of ActionResult) |

|  |
| --- |
| C++ |
| public: [HttpPostAttribute] Task<ActionResult^>^ Index(  LoginViewModel^ model ) |

|  |
| --- |
| F# |
| [<HttpPostAttribute>] member Index :   model : LoginViewModel -> Task<ActionResult> |

#### Parameters

model

Type: [HostelManagement.Models.LoginViewModel](#_B2F5AB11_Topic)

the form filled by the user

#### Return Value

Type: [Task](http://msdn2.microsoft.com/en-us/library/dd321424)([ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064))  
view

## See Also

[HomeController Class](#_856B1946_Topic)

[Index Overload](#_374DDE83_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HomeController.MeetDevelopers Method

Action Method to display the page to meet the developers

**Namespace:** [HostelManagement.Controllers](#_9EB73BCB_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public ActionResult MeetDevelopers() |

|  |
| --- |
| VB |
| Public Function MeetDevelopers As ActionResult |

|  |
| --- |
| C++ |
| public: ActionResult^ MeetDevelopers() |

|  |
| --- |
| F# |
| member MeetDevelopers : unit -> ActionResult |

#### Return Value

Type: [ActionResult](http://msdn2.microsoft.com/en-us/library/dd493064)  
view

## See Also

[HomeController Class](#_856B1946_Topic)

[HostelManagement.Controllers Namespace](#_9EB73BCB_Topic)

# HostelManagement.Models Namespace

All models outside all areas

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [LoginViewModel](#_B2F5AB11_Topic) | View model for login |
| Public class | [RegisterModel](#_8FE06D5A_Topic) | View model for user register |

# LoginViewModel Class

View model for login

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Models.LoginViewModel

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class LoginViewModel |

|  |
| --- |
| VB |
| Public Class LoginViewModel |

|  |
| --- |
| C++ |
| public ref class LoginViewModel |

|  |
| --- |
| F# |
| type LoginViewModel = class end |

The **LoginViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [LoginViewModel](#_D72DA793_Topic) | Initializes a new instance of the **LoginViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Password](#_994C8C12_Topic) | The unencrypted password |
| Public property | [ReturnUrl](#_5C2CA933_Topic) | The URL that the user should be redirected after successfull login |
| Public property | [UserId](#_672EC73B_Topic) | The user ID |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# LoginViewModel Constructor

Initializes a new instance of the [LoginViewModel](#_B2F5AB11_Topic) class

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public LoginViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: LoginViewModel() |

|  |
| --- |
| F# |
| new : unit -> LoginViewModel |

## See Also

[LoginViewModel Class](#_B2F5AB11_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# LoginViewModel.LoginViewModel Properties

The [LoginViewModel](#_B2F5AB11_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Password](#_994C8C12_Topic) | The unencrypted password |
| Public property | [ReturnUrl](#_5C2CA933_Topic) | The URL that the user should be redirected after successfull login |
| Public property | [UserId](#_672EC73B_Topic) | The user ID |

## See Also

[LoginViewModel Class](#_B2F5AB11_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# LoginViewModel.Password Property

The unencrypted password

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Password)] [DisplayAttribute(Name = "Password")] public string Password { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Password)> <DisplayAttribute(Name := "Password")> Public Property Password As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Password)] [DisplayAttribute(Name = L"Password")] property String^ Password {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Password)>] [<DisplayAttribute(Name = "Password")>] member Password : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[LoginViewModel Class](#_B2F5AB11_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# LoginViewModel.ReturnUrl Property

The URL that the user should be redirected after successfull login

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [HiddenInputAttribute] public string ReturnUrl { get; set; } |

|  |
| --- |
| VB |
| <HiddenInputAttribute> Public Property ReturnUrl As String  Get  Set |

|  |
| --- |
| C++ |
| public: [HiddenInputAttribute] property String^ ReturnUrl {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<HiddenInputAttribute>] member ReturnUrl : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[LoginViewModel Class](#_B2F5AB11_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# LoginViewModel.UserId Property

The user ID

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DisplayAttribute(Name = "User ID")] public string UserId { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DisplayAttribute(Name := "User ID")> Public Property UserId As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DisplayAttribute(Name = L"User ID")] property String^ UserId {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DisplayAttribute(Name = "User ID")>] member UserId : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[LoginViewModel Class](#_B2F5AB11_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# LoginViewModel.LoginViewModel Methods

The [LoginViewModel](#_B2F5AB11_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[LoginViewModel Class](#_B2F5AB11_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel Class

View model for user register

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  HostelManagement.Models.RegisterModel

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class RegisterModel |

|  |
| --- |
| VB |
| Public Class RegisterModel |

|  |
| --- |
| C++ |
| public ref class RegisterModel |

|  |
| --- |
| F# |
| type RegisterModel = class end |

The **RegisterModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [RegisterModel](#_861A1B85_Topic) | Initializes a new instance of the **RegisterModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Password](#_CFFC8243_Topic) | The unencrypted password |
| Public property | [Role](#_7F6F7F3F_Topic) | The role of the user |
| Public property | [UserId](#_84F1A134_Topic) | The user ID |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel Constructor

Initializes a new instance of the [RegisterModel](#_8FE06D5A_Topic) class

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public RegisterModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: RegisterModel() |

|  |
| --- |
| F# |
| new : unit -> RegisterModel |

## See Also

[RegisterModel Class](#_8FE06D5A_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel.RegisterModel Properties

The [RegisterModel](#_8FE06D5A_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [Password](#_CFFC8243_Topic) | The unencrypted password |
| Public property | [Role](#_7F6F7F3F_Topic) | The role of the user |
| Public property | [UserId](#_84F1A134_Topic) | The user ID |

## See Also

[RegisterModel Class](#_8FE06D5A_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel.Password Property

The unencrypted password

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] [DataTypeAttribute(DataType.Password)] public string Password { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> <DataTypeAttribute(DataType.Password)> Public Property Password As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] [DataTypeAttribute(DataType::Password)] property String^ Password {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] [<DataTypeAttribute(DataType.Password)>] member Password : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RegisterModel Class](#_8FE06D5A_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel.Role Property

The role of the user

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] public string Role { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> Public Property Role As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] property String^ Role {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] member Role : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RegisterModel Class](#_8FE06D5A_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel.UserId Property

The user ID

**Namespace:** [HostelManagement.Models](#_A4C912C0_Topic)  
**Assembly:** HostelManagement (in HostelManagement.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| [RequiredAttribute] public string UserId { get; set; } |

|  |
| --- |
| VB |
| <RequiredAttribute> Public Property UserId As String  Get  Set |

|  |
| --- |
| C++ |
| public: [RequiredAttribute] property String^ UserId {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| [<RequiredAttribute>] member UserId : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[RegisterModel Class](#_8FE06D5A_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# RegisterModel.RegisterModel Methods

The [RegisterModel](#_8FE06D5A_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[RegisterModel Class](#_8FE06D5A_Topic)

[HostelManagement.Models Namespace](#_A4C912C0_Topic)

# Shared Namespace

## Classes

|  |  |  |
| --- | --- | --- |
|  | Class | Description |
| Public class | [AutoCompleteViewModel](#_29FE5E4D_Topic) | View model for auto complete |

# AutoCompleteViewModel Class

View model for auto complete

## Inheritance Hierarchy

[System.Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b)  
  Shared.AutoCompleteViewModel

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public class AutoCompleteViewModel |

|  |
| --- |
| VB |
| Public Class AutoCompleteViewModel |

|  |
| --- |
| C++ |
| public ref class AutoCompleteViewModel |

|  |
| --- |
| F# |
| type AutoCompleteViewModel = class end |

The **AutoCompleteViewModel** type exposes the following members.

## Constructors

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [AutoCompleteViewModel](#_229CA6BA_Topic) | Initializes a new instance of the **AutoCompleteViewModel** class |

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [dept](#_FEE063D4_Topic) | The department that the cadidate student belongs to |
| Public property | [gender](#_85765D1_Topic) | The gender of the student |
| Public property | [label](#_2201DD50_Topic) | The label to be displayed |
| Public property | [sem](#_3C41CE60_Topic) | The semester of the potential student |
| Public property | [value](#_E9867005_Topic) | The value that was entered by the user |

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel Constructor

Initializes a new instance of the [AutoCompleteViewModel](#_29FE5E4D_Topic) class

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public AutoCompleteViewModel() |

|  |
| --- |
| VB |
| Public Sub New |

|  |
| --- |
| C++ |
| public: AutoCompleteViewModel() |

|  |
| --- |
| F# |
| new : unit -> AutoCompleteViewModel |

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.AutoCompleteViewModel Properties

The [AutoCompleteViewModel](#_29FE5E4D_Topic) type exposes the following members.

## Properties

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public property | [dept](#_FEE063D4_Topic) | The department that the cadidate student belongs to |
| Public property | [gender](#_85765D1_Topic) | The gender of the student |
| Public property | [label](#_2201DD50_Topic) | The label to be displayed |
| Public property | [sem](#_3C41CE60_Topic) | The semester of the potential student |
| Public property | [value](#_E9867005_Topic) | The value that was entered by the user |

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.dept Property

The department that the cadidate student belongs to

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string dept { get; set; } |

|  |
| --- |
| VB |
| Public Property dept As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ dept {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member dept : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.gender Property

The gender of the student

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string gender { get; set; } |

|  |
| --- |
| VB |
| Public Property gender As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ gender {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member gender : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.label Property

The label to be displayed

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string label { get; set; } |

|  |
| --- |
| VB |
| Public Property label As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ label {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member label : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.sem Property

The semester of the potential student

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string sem { get; set; } |

|  |
| --- |
| VB |
| Public Property sem As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ sem {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member sem : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.value Property

The value that was entered by the user

**Namespace:** [Shared](#_6C33B2A5_Topic)  
**Assembly:** Shared (in Shared.dll) Version: 1.0.0.0 (1.0.0.0)

## Syntax

|  |
| --- |
| C# |
| public string value { get; set; } |

|  |
| --- |
| VB |
| Public Property value As String  Get  Set |

|  |
| --- |
| C++ |
| public: property String^ value {  String^ get ();  void set (String^ value); } |

|  |
| --- |
| F# |
| member value : string with get, set |

#### Property Value

Type: [String](http://msdn2.microsoft.com/en-us/library/s1wwdcbf)

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)

# AutoCompleteViewModel.AutoCompleteViewModel Methods

The [AutoCompleteViewModel](#_29FE5E4D_Topic) type exposes the following members.

## Methods

|  |  |  |
| --- | --- | --- |
|  | Name | Description |
| Public method | [Equals](http://msdn2.microsoft.com/en-us/library/bsc2ak47) | Determines whether the specified object is equal to the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [Finalize](http://msdn2.microsoft.com/en-us/library/4k87zsw7) | Allows an object to try to free resources and perform other cleanup operations before it is reclaimed by garbage collection. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetHashCode](http://msdn2.microsoft.com/en-us/library/zdee4b3y) | Serves as the default hash function. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [GetType](http://msdn2.microsoft.com/en-us/library/dfwy45w9) | Gets the [Type](http://msdn2.microsoft.com/en-us/library/42892f65) of the current instance. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Protected method | [MemberwiseClone](http://msdn2.microsoft.com/en-us/library/57ctke0a) | Creates a shallow copy of the current [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b). (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |
| Public method | [ToString](http://msdn2.microsoft.com/en-us/library/7bxwbwt2) | Returns a string that represents the current object. (Inherited from [Object](http://msdn2.microsoft.com/en-us/library/e5kfa45b).) |

## See Also

[AutoCompleteViewModel Class](#_29FE5E4D_Topic)

[Shared Namespace](#_6C33B2A5_Topic)