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 - [RefereeCardViewModel](#)
 - [RefereeMatchCountViewModel](#)
 - [RefereeMatchPointsViewModel](#)
 - [RefereeTabsViewModel](#)
 - [RefereeWithTimeOptions](#)
 - [RefereeWithTimeOptions.TimeRange](#)
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- [TokenValidationController](#)

Namespace AdminPart.Common

Classes

RepositoryResponse ([AdminPart.Common.RepositoryResponse.html](#))

RepositoryResult<T> ([AdminPart.Common.RepositoryResult-1.html](#))

ServiceResult<T> ([AdminPart.Common.ServiceResult-1.html](#))

Class RepositoryResponse

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RepositoryResponse

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Common (AdminPart.Common.html)

Assembly: AdminPart.dll

Syntax

```
public class RepositoryResponse
```

Properties

Message

Declaration

```
public string Message { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Success

Declaration

```
public bool Success { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Class RepositoryResult<T>

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RepositoryResult<T>

Inherited Members

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Common (AdminPart.Common.html)

Assembly: AdminPart.dll

Syntax

```
public class RepositoryResult<T>
```

Type Parameters

Name	Description
<i>T</i>	

Properties

Data

Declaration

```
public T Data { get; }
```

Property Value

Type	Description
T	

ErrorMessage

Declaration

```
public string ErrorMessage { get; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Exception

Declaration

```
public Exception Exception { get; }
```

Property Value

Type	Description
Exception (https://learn.microsoft.com/dotnet/api/system.exception)	

IsSuccess

Declaration

```
public bool IsSuccess { get; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Methods

Failure(string, Exception)

Declaration

```
public static RepositoryResult<T> Failure(string errorMessage, Exception ex = null)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>errorMessage</i>	
Exception (https://learn.microsoft.com/dotnet/api/system.exception)	<i>ex</i>	

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<T>	

GetDataOrThrow()

Declaration

```
public T GetDataOrThrow()
```

Returns

Type	Description
T	

Success(T)

Declaration

```
public static RepositoryResult<T> Success(T data)
```

Parameters

Type	Name	Description
T	<i>data</i>	

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<T>	

Class ServiceResult<T>

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ ServiceResult<T>

Inherited Members

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Common (AdminPart.Common.html)

Assembly: AdminPart.dll

Syntax

```
public class ServiceResult<T>
```

Type Parameters

Name	Description
<i>T</i>	

Properties

Data

Declaration

```
public T Data { get; }
```

Property Value

Type	Description
T	

ErrorMessage

Declaration

```
public string ErrorMessage { get; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Exception

Declaration

```
public Exception Exception { get; }
```

Property Value

Type	Description
Exception (https://learn.microsoft.com/dotnet/api/system.exception)	

IsSuccess

Declaration

```
public bool IsSuccess { get; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Methods

Failure(string, Exception)

Declaration

```
public static ServiceResult<T> Failure(string errorMessage, Exception ex = null)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>errorMessage</i>	
Exception (https://learn.microsoft.com/dotnet/api/system.exception)	<i>ex</i>	

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<T>	

GetDataOrThrow()

Declaration

```
public T GetDataOrThrow()
```

Returns

Type	Description
T	

Success(T)

Declaration

```
public static ServiceResult<T> Success(T data)
```

Parameters

Type	Name	Description
T	<i>data</i>	

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<T>	

Class FieldController

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ [ControllerBase](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase>)
 - ↳ [Controller](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller>)
 - ↳ [FieldController](#)

Implements

- [IActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)
- [IAsyncActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)
- [IFilterMetadata](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)
- [IDisposable](https://learn.microsoft.com/dotnet/api/system.idisposable) (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Inherited Members

- [Controller.View\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view>)
- [Controller.View\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)))
- [Controller.View\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)))
- [Controller.View\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)))
- [Controller.PartialView\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview>)
- [Controller.PartialView\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)))
- [Controller.PartialView\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)))
- [Controller.PartialView\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)))
- [Controller.ViewComponent\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)))
- [Controller.ViewComponent\(Type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)))
- [Controller.ViewComponent\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)))
- [Controller.ViewComponent\(Type, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)))
- [Controller.Json\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)))
- [Controller.Json\(object, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)))
- [Controller.OnActionExecuting\(ActionExecutingContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting>)
- [Controller.OnActionExecuted\(ActionExecutedContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted>)
- [Controller.OnActionExecutionAsync\(ActionExecutingContext, ActionExecutionDelegate\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync>)
- [Controller.Dispose\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose>)
- [Controller.Dispose\(bool\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)))
- [Controller.ViewData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata>)
- [Controller.TempData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata>)
- [Controller.ViewBag](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag>)
- [ControllerBase.StatusCode\(int\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)))
- [ControllerBase.StatusCode\(int, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)))
- [ControllerBase.Content\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)))
- [ControllerBase.Content\(string, string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)))

[illegible]

[illegible]

[illegible]

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagHeaderValue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagHeaderValue-system-boolean))))

ControllerBase.PhysicalFile(string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string))))

ControllerBase.PhysicalFile(string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string))))

ControllerBase.PhysicalFile(string, string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagHeaderValue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagHeaderValue))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagHeaderValue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagHeaderValue-system-boolean))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagHeaderValue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagHeaderValue))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagHeaderValue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagHeaderValue-system-boolean))))

ControllerBase.Unauthorized()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized>)

ControllerBase.Unauthorized(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized(system-object))))

ControllerBase.NotFound() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound>)

ControllerBase.NotFound(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound(system-object))))

ControllerBase.BadRequest() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest>)

ControllerBase.BadRequest(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(system-object))))

ControllerBase.BadRequest(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.UnprocessableEntity()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity>)

ControllerBase.UnprocessableEntity(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(system-object))))

ControllerBase.UnprocessableEntity(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Conflict() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict>)

ControllerBase.Conflict(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(system-object))))

ControllerBase.Conflict(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Problem(string, string, int?, string, string)
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problem>)

ControllerBase.ValidationProblem(ValidationProblemDetails)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(microsoft-aspnetcore-mvc-validationproblemdetails\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(microsoft-aspnetcore-mvc-validationproblemdetails))))

[illegible]

ControllerBase.AcceptedAtRoute(string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string)))

ControllerBase.AcceptedAtRoute(string, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object)))

ControllerBase.AcceptedAtRoute(object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-object-system-object)))

ControllerBase.AcceptedAtRoute(string, object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object-system-object)))

ControllerBase.Challenge() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge>)

ControllerBase.Challenge(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(system-string)))

ControllerBase.Challenge(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Challenge(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.Forbid() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid>)

ControllerBase.Forbid(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(system-string)))

ControllerBase.Forbid(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Forbid(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignIn(ClaimsPrincipal)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal)))

ControllerBase.SignIn(ClaimsPrincipal, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-system-string)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignOut() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout>)

ControllerBase.SignOut(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignOut(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(system-string)))

ControllerBase.SignOut(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

controllerbase-tryupdatemodelasync-1(-0-system-string-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[])

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression((system-func((-0-system-object))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync(object, Type, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string))

ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryValidateModel(object)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object))

ControllerBase.TryValidateModel(object, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object-system-string))

ControllerBase.HttpContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.httpcontext)

ControllerBase.Request (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.request)

ControllerBase.Response (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.response)

ControllerBase.RouteData (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.routedata)

ControllerBase.ModelState (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelstate)

ControllerBase.ControllerContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.controllercontext)

ControllerBase.MetadataProvider (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.metadataprovider)

ControllerBase.ModelBinderFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelbinderfactory)

ControllerBase.Url (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.url)

ControllerBase.ObjectValidator (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.objectvalidator)

ControllerBase.ProblemDetailsFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problemdetailsfactory)

ControllerBase.User (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.user)

ControllerBase.Empty (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.empty)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

object.Equals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Controllers (AdminPart.Controllers.html)

Assembly: AdminPart.dll

Syntax

```
[Route("Admin/Field")]
public class FieldController : Controller, IActionFilter, IAsyncActionFilter, IFilterMetadata, IDisposable
```

Constructors

FieldController(IRefereeRepo, IAdminRepo, IExcelParser, ILogger<FieldController>)

Declaration

```
public FieldController(IRefereeRepo refereeRepo, IAdminRepo adminRepo, IExcelParser excelParser, ILogger<FieldController> logger)
```

Parameters

Type	Name	Description
IRefereeRepo (AdminPart.Data.IRefereeRepo.html)	<i>refereeRepo</i>	
IAdminRepo (AdminPart.Data.IAdminRepo.html)	<i>adminRepo</i>	

IExcelParser (AdminPart.Services.FileParsers.IExcelParser.html)	<i>excelParser</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ILogger-1)<FieldController (AdminPart.Controllers.FieldController.html)>	<i>logger</i>	

Methods

GetPreviewOfFields()

Declaration

```
[HttpGet("GetPreviewOfFields")]
public Task<IActionResult> GetPreviewOfFields()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.Task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.IActionResult)>	

UpdateSingleField(int, string, string, float, float)

Declaration

```
[HttpPost("UpdateSingleField")]
public IActionResult UpdateSingleField(int fieldId, string fieldName, string fieldAddress, float latitude, float longitude)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>fieldId</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldName</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldAddress</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>latitude</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>longitude</i>	

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.IActionResult)	

UploadFieldsInformationsFromFileAsync(IFormFile)

Declaration

```
[HttpPost("UploadFieldsInformationsFromFileAsync")]
public Task<IActionResult> UploadFieldsInformationsFromFileAsync(IFormFile file)
```

Parameters

Type	Name	Description
IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.IFormFile)	<i>file</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.Task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.IActionResult)>	

Implements

- IActionFilter (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.IActionFilter)
- AsyncActionFilter (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.IAsyncActionFilter)

IFilterMetadata (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)

IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Class HomeController

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)

- ↳ [ControllerBase](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase>)
- ↳ [Controller](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller>)
- ↳ [HomeController](#)

Implements

[IActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)

[IAsyncActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)

[IFilterMetadata](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)

[IDisposable](https://learn.microsoft.com/dotnet/api/system.idisposable) (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Inherited Members

[Controller.View\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view>)

[Controller.View\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)))

[Controller.View\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)))

[Controller.View\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)))

[Controller.PartialView\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview>)

[Controller.PartialView\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)))

[Controller.PartialView\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)))

[Controller.PartialView\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)))

[Controller.ViewComponent\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)))

[Controller.ViewComponent\(Type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)))

[Controller.ViewComponent\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)))

[Controller.ViewComponent\(Type, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)))

[Controller.Json\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)))

[Controller.Json\(object, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)))

[Controller.OnActionExecuting\(ActionExecutingContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting>)

[Controller.OnActionExecuted\(ActionExecutedContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted>)

[Controller.OnActionExecutionAsync\(ActionExecutingContext, ActionExecutionDelegate\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync>)

[Controller.Dispose\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose>)

[Controller.Dispose\(bool\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)))

[Controller.ViewData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata>)

[Controller.TempData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata>)

[Controller.ViewBag](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag>)

[ControllerBase.StatusCode\(int\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)))

[ControllerBase.StatusCode\(int, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)))

[ControllerBase.Content\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)))

[ControllerBase.Content\(string, string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)))

[illegible]

[illegible]

[illegible]

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string))))

ControllerBase.PhysicalFile(string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string))))

ControllerBase.PhysicalFile(string, string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.Unauthorized()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized>)

ControllerBase.Unauthorized(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized(system-object))))

ControllerBase.NotFound() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound>)

ControllerBase.NotFound(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound(system-object))))

ControllerBase.BadRequest() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest>)

ControllerBase.BadRequest(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(system-object))))

ControllerBase.BadRequest(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.UnprocessableEntity()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity>)

ControllerBase.UnprocessableEntity(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(system-object))))

ControllerBase.UnprocessableEntity(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Conflict() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict>)

ControllerBase.Conflict(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(system-object))))

ControllerBase.Conflict(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Problem(string, string, int?, string, string)
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problem>)

ControllerBase.ValidationProblem(ValidationProblemDetails)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(microsoft-aspnetcore-mvc-validationproblemdetails\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(microsoft-aspnetcore-mvc-validationproblemdetails))))

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ControllerBase.AcceptedAtRoute(string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string)))

ControllerBase.AcceptedAtRoute(string, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object)))

ControllerBase.AcceptedAtRoute(object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-object-system-object)))

ControllerBase.AcceptedAtRoute(string, object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object-system-object)))

ControllerBase.Challenge() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge>)

ControllerBase.Challenge(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(system-string)))

ControllerBase.Challenge(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Challenge(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.Forbid() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid>)

ControllerBase.Forbid(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(system-string)))

ControllerBase.Forbid(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Forbid(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignIn(ClaimsPrincipal)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal)))

ControllerBase.SignIn(ClaimsPrincipal, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-system-string)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignOut() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout>)

ControllerBase.SignOut(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignOut(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(system-string)))

ControllerBase.SignOut(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

controllerbase-tryupdatemodelasync-1(-0-system-string-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[])

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression((system-func((-0-system-object))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync(object, Type, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string))

ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryValidateModel(object)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object))

ControllerBase.TryValidateModel(object, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object-system-string))

ControllerBase.HttpContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.httpcontext)

ControllerBase.Request (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.request)

ControllerBase.Response (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.response)

ControllerBase.RouteData (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.routedata)

ControllerBase.ModelState (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelstate)

ControllerBase.ControllerContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.controllercontext)

ControllerBase.MetadataProvider (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.metadataprovider)

ControllerBase.ModelBinderFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelbinderfactory)

ControllerBase.Url (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.url)

ControllerBase.ObjectValidator (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.objectvalidator)

ControllerBase.ProblemDetailsFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problemdetailsfactory)

ControllerBase.User (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.user)

ControllerBase.Empty (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.empty)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

object.Equals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Controllers (AdminPart.Controllers.html)

Assembly: AdminPart.dll

Syntax

```
[Route("Admin")]
public class HomeController : Controller, IActionFilter, IAsyncActionFilter, IFilterMetadata, IDisposable
```

Constructors

HomeController(IRefereeRepo, IAdminRepo, IExcelParser, IRefereeService, IAdminService, ILogger<HomeController>)

Declaration

```
public HomeController(IRefereeRepo refereeRepo, IAdminRepo adminRepo, IExcelParser excelParser, IRefereeService refereeService, IAdminService adminService, ILogger<HomeController> logger)
```

Parameters

Type	Name	Description
IRefereeRepo (AdminPart.Data.IRefereeRepo.html)	<i>refereeRepo</i>	

IAdminRepo (AdminPart.Data.IAdminRepo.html)	<i>adminRepo</i>	
IExcelParser (AdminPart.Services.FileParsers.IExcelParser.html)	<i>excelParser</i>	
IRefereeService (AdminPart.Services.RefereeServices.IRefereeService.html)	<i>refereeService</i>	
IAdminService (AdminPart.Services.AdminServices.IAdminService.html)	<i>adminService</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<HomeController (AdminPart.Controllers.HomeController.html)>	<i>logger</i>	

Methods

Error()

Declaration

```
[ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]
public IActionResult Error()
```

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)	

Index()

Declaration

```
[HttpGet("")]
public Task<IActionResult> Index()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

Privacy()

Declaration

```
public IActionResult Privacy()
```

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)	

Implements

- IActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)
- IAsyncActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)
- IFilterMetadata (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)
- IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Class MatchController

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)

- ↳ [ControllerBase](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase>)
- ↳ [Controller](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller>)
- ↳ [MatchController](#)

Implements

[IActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)

[IAsyncActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)

[IFilterMetadata](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)

[IDisposable](https://learn.microsoft.com/dotnet/api/system.idisposable) (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Inherited Members

[Controller.View\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view>)

[Controller.View\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)))

[Controller.View\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)))

[Controller.View\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)))

[Controller.PartialView\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview>)

[Controller.PartialView\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)))

[Controller.PartialView\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)))

[Controller.PartialView\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)))

[Controller.ViewComponent\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)))

[Controller.ViewComponent\(Type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)))

[Controller.ViewComponent\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)))

[Controller.ViewComponent\(Type, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)))

[Controller.Json\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)))

[Controller.Json\(object, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)))

[Controller.OnActionExecuting\(ActionExecutingContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting>)

[Controller.OnActionExecuted\(ActionExecutedContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted>)

[Controller.OnActionExecutionAsync\(ActionExecutingContext, ActionExecutionDelegate\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync>)

[Controller.Dispose\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose>)

[Controller.Dispose\(bool\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)))

[Controller.ViewData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata>)

[Controller.TempData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata>)

[Controller.ViewBag](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag>)

[ControllerBase.StatusCode\(int\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)))

[ControllerBase.StatusCode\(int, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)))

[ControllerBase.Content\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)))

[ControllerBase.Content\(string, string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)))

[illegible]

[illegible]

[illegible]

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string))))

ControllerBase.PhysicalFile(string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string))))

ControllerBase.PhysicalFile(string, string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.Unauthorized()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized>)

ControllerBase.Unauthorized(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized(system-object))))

ControllerBase.NotFound() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound>)

ControllerBase.NotFound(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound(system-object))))

ControllerBase.BadRequest() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest>)

ControllerBase.BadRequest(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(system-object))))

ControllerBase.BadRequest(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.UnprocessableEntity()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity>)

ControllerBase.UnprocessableEntity(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(system-object))))

ControllerBase.UnprocessableEntity(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Conflict() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict>)

ControllerBase.Conflict(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(system-object))))

ControllerBase.Conflict(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Problem(string, string, int?, string, string)
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problem>)

ControllerBase.ValidationProblem(ValidationProblemDetails)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(microsoft-aspnetcore-mvc-validationproblemdetails\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(microsoft-aspnetcore-mvc-validationproblemdetails))))

[illegible]

ControllerBase.AcceptedAtRoute(string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string)))

ControllerBase.AcceptedAtRoute(string, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object)))

ControllerBase.AcceptedAtRoute(object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-object-system-object)))

ControllerBase.AcceptedAtRoute(string, object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object-system-object)))

ControllerBase.Challenge() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge>)

ControllerBase.Challenge(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(system-string)))

ControllerBase.Challenge(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Challenge(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.Forbid() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid>)

ControllerBase.Forbid(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(system-string)))

ControllerBase.Forbid(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Forbid(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignIn(ClaimsPrincipal)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal)))

ControllerBase.SignIn(ClaimsPrincipal, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-system-string)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignOut() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout>)

ControllerBase.SignOut(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignOut(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(system-string)))

ControllerBase.SignOut(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

controllerbase-tryupdatemodelasync-1(-0-system-string-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[])

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression((system-func((-0-system-object))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync(object, Type, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string))

ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryValidateModel(object)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object))

ControllerBase.TryValidateModel(object, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object-system-string))

ControllerBase.HttpContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.httpcontext)

ControllerBase.Request (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.request)

ControllerBase.Response (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.response)

ControllerBase.RouteData (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.routedata)

ControllerBase.ModelState (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelstate)

ControllerBase.ControllerContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.controllercontext)

ControllerBase.MetadataProvider (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.metadataprovider)

ControllerBase.ModelBinderFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelbinderfactory)

ControllerBase.Url (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.url)

ControllerBase.ObjectValidator (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.objectvalidator)

ControllerBase.ProblemDetailsFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problemdetailsfactory)

ControllerBase.User (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.user)

ControllerBase.Empty (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.empty)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

object.Equals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Controllers (AdminPart.Controllers.html)

Assembly: AdminPart.dll

Syntax

```
[Route("Admin/Match")]
public class MatchController : Controller, IActionFilter, IAsyncActionFilter, IFilterMetadata, IDisposable
```

Constructors

MatchController(IRefereeRepo, IAdminRepo, IExcelParser, IExcelExporter, IRefereeService, IAdminService, IHubContext<HubForReendering>, ILogger<MatchController>)

Declaration

```
public MatchController(IRefereeRepo refereeRepo, IAdminRepo adminRepo, IExcelParser excelParser, IExcelExporter excelExporter, IRefereeService refereeService, IAdminService adminService, IHubContext<HubForReendering> hubContext, ILogger<MatchController> logger)
```

Parameters

Type	Name	Description
IRefereeRepo (AdminPart.Data.IRefereeRepo.html)	<i>refereeRepo</i>	

IAdminRepo (AdminPart.Data.IAdminRepo.html)	<i>adminRepo</i>	
IExcelParser (AdminPart.Services.FileParsers.IExcelParser.html)	<i>excelParser</i>	
IExcelExporter (AdminPart.Services.FileParsers.IExcelExporter.html)	<i>excelExporter</i>	
IRefereeService (AdminPart.Services.RefereeServices.IRefereeService.html)	<i>refereeService</i>	
IAdminService (AdminPart.Services.AdminServices.IAdminService.html)	<i>adminService</i>	
IHubContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.ihubcontext-1)<HubForReendering (AdminPart.Hubs.HubForReendering.html)>	<i>hubContext</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<MatchController (AdminPart.Controllers.MatchController.html)>	<i>logger</i>	

Methods

DownloadFileWithFilledMatches()

Declaration

```
[HttpPost("DownloadFileWithFilledMatches")]
public Task<IActionResult> DownloadFileWithFilledMatches()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

GetCompetitions()

Declaration

```
[HttpGet("GetCompetitions")]
public Task<IActionResult> GetCompetitions()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

GetMatchesByDate(DateOnly, TimeOnly, DateOnly, TimeOnly)

Declaration

```
[HttpGet("GetMatchesByDate")]
public Task<IActionResult> GetMatchesByDate(DateOnly startDate, TimeOnly startTime, DateOnly endDate, TimeOnly endTime)
```

Parameters

Type	Name	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>startDate</i>	
TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	<i>startTime</i>	
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>endDate</i>	
TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	<i>endTime</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

GetPreviousMatches()

Declaration

```
[HttpGet("GetPreviousMatches")]
public Task<IActionResult> GetPreviousMatches()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iActionResult)>	

GetRefereeMatchCounts(RefereeMatchCountViewModel)

Declaration

```
[HttpPost("GetRefereeMatchCounts")]
public Task<IActionResult> GetRefereeMatchCounts(RefereeMatchCountViewModel request)
```

Parameters

Type	Name	Description
RefereeMatchCountViewModel (AdminPart.Views.ViewModels.RefereeMatchCountViewModel.html)	<i>request</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iActionResult)>	

GetRefereeMatches(List<Referee>)

Declaration

```
[HttpPost("GetRefereeMatches")]
public Task<IActionResult> GetRefereeMatches(List<Referee> listOfReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Referee (AdminPart.Models.Referee.html)>	<i>listOfReferees</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iActionResult)>	

GetRefereesPoints(RefereeMatchPointsViewModel)

Declaration

```
[HttpPost("GetRefereesPoints")]
public Task<IActionResult> GetRefereesPoints(RefereeMatchPointsViewModel request)
```

Parameters

Type	Name	Description
RefereeMatchPointsViewModel (AdminPart.Views.ViewModels.RefereeMatchPointsViewModel.html)	<i>request</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iActionResult)>	

GetSortedMatchesAsync(string)

Declaration

```
[HttpGet("GetSortedMatchesAsync")]
public Task<IActionResult> GetSortedMatchesAsync(string selector)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>selector</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

GetTeamsByInput(string)

Declaration

```
[HttpGet("GetTeamsByInput")]
public Task<IActionResult> GetTeamsByInput(string input)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>input</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

LockOrUnlockMatch(string, string)

Declaration

```
[HttpPost("LockOrUnlockMatch")]
public Task<IActionResult> LockOrUnlockMatch(string matchId, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

MakeConnectionsOfMatches()

Declaration

```
[HttpPost("MakeConnectionsOfMatches")]
public Task<IActionResult> MakeConnectionsOfMatches()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

MakeMatchPlayed(string, string)

Declaration

```
[HttpPost("MakeMatchPlayed")]
public Task<IActionResult> MakeMatchPlayed(string matchId, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1) IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UpdateMatchesPreAPostMatch(string, string, string)

Declaration

```
[HttpPost("UpdateMatchesPreAPostMatch")]
public Task<IActionResult> UpdateMatchesPreAPostMatch(string matchId, string preMatch, string postMatch)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>preMatch</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>postMatch</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1) IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UploadMatchesFromFileAsync(IFormFile, string)

Declaration

```
[HttpPost("UploadMatchesFromFileAsync")]
public Task<IActionResult> UploadMatchesFromFileAsync(IFormFile file, string user)
```

Parameters

Type	Name	Description
IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.iformfile)	<i>file</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1) IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UploadPlayedMatchesFromFileAsync(IFormFile, string)

Declaration

```
[HttpPost("UploadPlayedMatchesFromFileAsync")]
public Task<IActionResult> UploadPlayedMatchesFromFileAsync(IFormFile file, string user)
```

Parameters

--	--	--

Type	Name	Description
IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.iformfile)	<i>file</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UploadTheGameWeekendDate(DateOnly)

Declaration

```
[HttpPost("UploadTheGameWeekendDate")]
public IActionResult UploadTheGameWeekendDate(DateOnly weekendDate)
```

Parameters

Type	Name	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>weekendDate</i>	

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)	

Implements

- IActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)
- IAsyncActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)
- IFilterMetadata (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)
- IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Namespace AdminPart.Controllers

Classes

FieldController ([AdminPart.Controllers.FieldController.html](#))

HomeController ([AdminPart.Controllers.HomeController.html](#))

MatchController ([AdminPart.Controllers.MatchController.html](#))

RefereeController ([AdminPart.Controllers.RefereeController.html](#))

VetoController ([AdminPart.Controllers.VetoController.html](#))

Class RefereeController

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)

- ↳ [ControllerBase](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase>)
 - ↳ [Controller](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller>)
 - ↳ [RefereeController](#)

Implements

[IActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)

[IAsyncActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)

[IFilterMetadata](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)

[IDisposable](https://learn.microsoft.com/dotnet/api/system.idisposable) (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Inherited Members

[Controller.View\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view>)

[Controller.View\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)))

[Controller.View\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)))

[Controller.View\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)))

[Controller.PartialView\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview>)

[Controller.PartialView\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)))

[Controller.PartialView\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)))

[Controller.PartialView\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)))

[Controller.ViewComponent\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)))

[Controller.ViewComponent\(Type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)))

[Controller.ViewComponent\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)))

[Controller.ViewComponent\(Type, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)))

[Controller.Json\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)))

[Controller.Json\(object, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)))

[Controller.OnActionExecuting\(ActionExecutingContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting>)

[Controller.OnActionExecuted\(ActionExecutedContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted>)

[Controller.OnActionExecutionAsync\(ActionExecutingContext, ActionExecutionDelegate\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync>)

[Controller.Dispose\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose>)

[Controller.Dispose\(bool\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)))

[Controller.ViewData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata>)

[Controller.TempData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata>)

[Controller.ViewBag](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag>)

[ControllerBase.StatusCode\(int\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)))

[ControllerBase.StatusCode\(int, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)))

[ControllerBase.Content\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)))

[ControllerBase.Content\(string, string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string)))

[illegible]

[illegible]

[illegible]

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string))))

ControllerBase.PhysicalFile(string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string))))

ControllerBase.PhysicalFile(string, string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.Unauthorized()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized>)

ControllerBase.Unauthorized(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized(system-object))))

ControllerBase.NotFound() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound>)

ControllerBase.NotFound(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound(system-object))))

ControllerBase.BadRequest() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest>)

ControllerBase.BadRequest(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(system-object))))

ControllerBase.BadRequest(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.UnprocessableEntity()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity>)

ControllerBase.UnprocessableEntity(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(system-object))))

ControllerBase.UnprocessableEntity(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Conflict() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict>)

ControllerBase.Conflict(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(system-object))))

ControllerBase.Conflict(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Problem(string, string, int?, string, string)
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problem>)

ControllerBase.ValidationProblem(ValidationProblemDetails)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(microsoft-aspnetcore-mvc-validationproblemdetails\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(microsoft-aspnetcore-mvc-validationproblemdetails))))

[illegible]

ControllerBase.AcceptedAtRoute(string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string)))

ControllerBase.AcceptedAtRoute(string, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object)))

ControllerBase.AcceptedAtRoute(object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-object-system-object)))

ControllerBase.AcceptedAtRoute(string, object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object-system-object)))

ControllerBase.Challenge() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge>)

ControllerBase.Challenge(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(system-string)))

ControllerBase.Challenge(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Challenge(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.Forbid() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid>)

ControllerBase.Forbid(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(system-string)))

ControllerBase.Forbid(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Forbid(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignIn(ClaimsPrincipal)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal)))

ControllerBase.SignIn(ClaimsPrincipal, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-system-string)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignOut() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout>)

ControllerBase.SignOut(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignOut(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(system-string)))

ControllerBase.SignOut(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

controllerbase-tryupdatemodelasync-1(-0-system-string-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[])

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression((system-func((-0-system-object))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync(object, Type, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string))

ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryValidateModel(object)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object))

ControllerBase.TryValidateModel(object, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object-system-string))

ControllerBase.HttpContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.httpcontext)

ControllerBase.Request (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.request)

ControllerBase.Response (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.response)

ControllerBase.RouteData (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.routedata)

ControllerBase.ModelState (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelstate)

ControllerBase.ControllerContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.controllercontext)

ControllerBase.MetadataProvider (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.metadataprovider)

ControllerBase.ModelBinderFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelbinderfactory)

ControllerBase.Url (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.url)

ControllerBase.ObjectValidator (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.objectvalidator)

ControllerBase.ProblemDetailsFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problemdetailsfactory)

ControllerBase.User (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.user)

ControllerBase.Empty (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.empty)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

object.Equals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Controllers (AdminPart.Controllers.html)

Assembly: AdminPart.dll

Syntax

```
[Route("Admin/Referee")]
public class RefereeController : Controller, IActionFilter, IAsyncActionFilter, IFilterMetadata, IDisposable
```

Constructors

RefereeController(IRefereeRepo, IAdminRepo, RouteByCarPlanner, RouteByBusPlanner, IExcelParser, EmailsToLoginDbSender, IRefereeService, IAdminService, IHubContext<HubForReendering>, IMemoryCache, ILogger<RefereeController>)

Declaration

```
public RefereeController(IRefereeRepo refereeRepo, IAdminRepo adminRepo, RouteByCarPlanner routeCarPlanner, RouteByBusPlanner routeBusPlanner, IExcelParser excelParser, EmailsToLoginDbSender emailSender, IRefereeService refereeService, IAdminService adminService, IHubContext<HubForReendering> hubContext, IMemoryCache memoryCache, ILogger<RefereeController> logger)
```

Parameters

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Type	Name	Description
IRefereeRepo (AdminPart.Data.IRefereeRepo.html)	<i>refereeRepo</i>	
IAdminRepo (AdminPart.Data.IAdminRepo.html)	<i>adminRepo</i>	
RouteByCarPlanner (AdminPart.Services.RouteServices.RouteByCarPlanner.html)	<i>routeCarPlanner</i>	
RouteByBusPlanner (AdminPart.Services.RouteServices.RouteByBusPlanner.html)	<i>routeBusPlanner</i>	
IExcelParser (AdminPart.Services.FileParsers.IExcelParser.html)	<i>excelParser</i>	
EmailsToLoginDbSender (AdminPart.Services.EmailsSender.EmailsToLoginDbSender.html)	<i>emailSender</i>	
IRefereeService (AdminPart.Services.RefereeServices.IRefereeService.html)	<i>refereeService</i>	
IAdminService (AdminPart.Services.AdminServices.IAdminService.html)	<i>adminService</i>	
IHubContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.iHubContext-1)<HubForReendering (AdminPart.Hubs.HubForReendering.html)>	<i>hubContext</i>	
IMemoryCache (https://learn.microsoft.com/dotnet/api/microsoft.extensions.caching.memory.imemorycache)	<i>memoryCache</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ILogger-1)<RefereeController (AdminPart.Controllers.RefereeController.html)>	<i>logger</i>	

Methods

AddNewRefereeAsync(RefereeAddRequest)

Declaration

```
[HttpPost("AddNewRefereeAsync")]
public Task<IActionResult> AddNewRefereeAsync(RefereeAddRequest request)
```

Parameters

Type	Name	Description
RefereeAddRequest (AdminPart.DTOs.RefereeAddRequest.html)	<i>request</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iActionResult)>	

AddRefereeToTheMatch(int, string, int, bool, string)

Declaration

```
[HttpPost("AddRefereeToTheMatch")]
public Task<IActionResult> AddRefereeToTheMatch(int refereeId, string matchId, int role, bool force, string user)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>role</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>force</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iActionResult)>	

GetCardInfo(int)

Declaration

```
[HttpPost("GetCardInfo")]
public Task<IActionResult> GetCardInfo(int id)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

GetExcuses()

Declaration

```
[HttpGet("GetExcuses")]
public Task<IActionResult> GetExcuses()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

RemoveRefereeFromTheMatch(string, int, string)

Declaration

```
[HttpPost("RemoveRefereeFromTheMatch")]
public Task<IActionResult> RemoveRefereeFromTheMatch(string matchId, int refereeId, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereId</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UpdateRefereeAsync(int, string, string, string, string, int, int, bool, bool, string, string)

Declaration

```
[HttpPost("UpdateRefereeAsync")]
public Task<IActionResult> UpdateRefereeAsync(int id, string name, string surname, string idFacr, string email, int age, int league, bool car, bool pfs, string place, string note)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>name</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>surname</i>	

string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idFacr</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>email</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>age</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>league</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>car</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>pfs</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>place</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>note</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UploadRefereesFromEmailFileAsync(IFormFile)

Declaration

```
[HttpPost("UploadRefereesFromEmailFileAsync")]
public Task<ActionResult> UploadRefereesFromEmailFileAsync(IFormFile file)
```

Parameters

Type	Name	Description
IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.iformfile)	<i>file</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UploadRefereesFromFileAsync(IFormFile)

Declaration

```
[HttpPost("UploadRefereesFromFileAsync")]
public Task<ActionResult> UploadRefereesFromFileAsync(IFormFile file)
```

Parameters

Type	Name	Description
IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.iformfile)	<i>file</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

UploadRefreshedMatch(string)

Declaration

```
[HttpPost("UploadRefreshedMatch")]
public Task<ActionResult> UploadRefreshedMatch(string matchId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	

Returns

Type	Description
------	-------------

Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	
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Implements

- IFilterMetadata (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)
- IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)
- IAsyncActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)
- IActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)

Class VetoController

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)

- ↳ [ControllerBase](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase>)
 - ↳ [Controller](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller>)
 - ↳ [VetoController](#)

Implements

[IActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)

[IAsyncActionFilter](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)

[IFilterMetadata](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)

[IDisposable](https://learn.microsoft.com/dotnet/api/system.idisposable) (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Inherited Members

[Controller.View\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view>)

[Controller.View\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string)))

[Controller.View\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-object)))

[Controller.View\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.view#microsoft-aspnetcore-mvc-controller-view(system-string-system-object)))

[Controller.PartialView\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview>)

[Controller.PartialView\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string)))

[Controller.PartialView\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-object)))

[Controller.PartialView\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.partialview#microsoft-aspnetcore-mvc-controller-partialview(system-string-system-object)))

[Controller.ViewComponent\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string)))

[Controller.ViewComponent\(Type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type)))

[Controller.ViewComponent\(string, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-string-system-object)))

[Controller.ViewComponent\(Type, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent\(system-type-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewcomponent#microsoft-aspnetcore-mvc-controller-viewcomponent(system-type-system-object)))

[Controller.Json\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object)))

[Controller.Json\(object, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.json#microsoft-aspnetcore-mvc-controller-json(system-object-system-object)))

[Controller.OnActionExecuting\(ActionExecutingContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuting>)

[Controller.OnActionExecuted\(ActionExecutedContext\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecuted>)

[Controller.OnActionExecutionAsync\(ActionExecutingContext, ActionExecutionDelegate\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.onactionexecutionasync>)

[Controller.Dispose\(\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose>)

[Controller.Dispose\(bool\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.dispose#microsoft-aspnetcore-mvc-controller-dispose(system-boolean)))

[Controller.ViewData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewdata>)

[Controller.TempData](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.tempdata>)

[Controller.ViewBag](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controller.viewbag>)

[ControllerBase.StatusCode\(int\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)))

[ControllerBase.StatusCode\(int, object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)))

[ControllerBase.Content\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)))

[ControllerBase.Content\(string, string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-string))

[illegible]

[illegible]

[illegible]

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string))))

ControllerBase.PhysicalFile(string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string))))

ControllerBase.PhysicalFile(string, string, string, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-boolean))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue))))

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile(system-string-system-string-system-string-system-nullable((system-datetimeoffset))-microsoft-net-http-headers-entitytagheadervalue-system-boolean))))

ControllerBase.Unauthorized()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized>)

ControllerBase.Unauthorized(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized(system-object))))

ControllerBase.NotFound() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound>)

ControllerBase.NotFound(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound(system-object))))

ControllerBase.BadRequest() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest>)

ControllerBase.BadRequest(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(system-object))))

ControllerBase.BadRequest(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.UnprocessableEntity()
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity>)

ControllerBase.UnprocessableEntity(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(system-object))))

ControllerBase.UnprocessableEntity(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Conflict() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict>)

ControllerBase.Conflict(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(system-object\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(system-object))))

ControllerBase.Conflict(ModelStateDictionary)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary))))

ControllerBase.Problem(string, string, int?, string, string)
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problem>)

ControllerBase.ValidationProblem(ValidationProblemDetails)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(microsoft-aspnetcore-mvc-validationproblemdetails\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(microsoft-aspnetcore-mvc-validationproblemdetails))))

[illegible]

ControllerBase.AcceptedAtRoute(string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string)))

ControllerBase.AcceptedAtRoute(string, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object)))

ControllerBase.AcceptedAtRoute(object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-object-system-object)))

ControllerBase.AcceptedAtRoute(string, object, object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.acceptedatroute#microsoft-aspnetcore-mvc-controllerbase-acceptedatroute(system-string-system-object-system-object)))

ControllerBase.Challenge() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge>)

ControllerBase.Challenge(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(system-string)))

ControllerBase.Challenge(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Challenge(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.challenge#microsoft-aspnetcore-mvc-controllerbase-challenge(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.Forbid() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid>)

ControllerBase.Forbid(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(system-string)))

ControllerBase.Forbid(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.Forbid(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.forbid#microsoft-aspnetcore-mvc-controllerbase-forbid(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignIn(ClaimsPrincipal)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal)))

ControllerBase.SignIn(ClaimsPrincipal, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-system-string)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin\(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signin#microsoft-aspnetcore-mvc-controllerbase-signin(system-security-claims-claimsprincipal-microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.SignOut() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout>)

ControllerBase.SignOut(AuthenticationProperties)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties)))

ControllerBase.SignOut(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(system-string)))

ControllerBase.SignOut(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider)))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object)))))))

controllerbase-tryupdatemodelasync-1(-0-system-string-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[])

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression((system-func((-0-system-object))))))

ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryUpdateModelAsync(object, Type, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string))

ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean))))

ControllerBase.TryValidateModel(object)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object))

ControllerBase.TryValidateModel(object, string)

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object-system-string))

ControllerBase.HttpContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.httpcontext)

ControllerBase.Request (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.request)

ControllerBase.Response (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.response)

ControllerBase.RouteData (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.routedata)

ControllerBase.ModelState (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelstate)

ControllerBase.ControllerContext (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.controllercontext)

ControllerBase.MetadataProvider (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.metadataprovider)

ControllerBase.ModelBinderFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelbinderfactory)

ControllerBase.Url (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.url)

ControllerBase.ObjectValidator (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.objectvalidator)

ControllerBase.ProblemDetailsFactory

(https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problemdetailsfactory)

ControllerBase.User (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.user)

ControllerBase.Empty (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.empty)

object.Equals(object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))

object.Equals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))

object.GetHashCode() (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)

object.GetType() (https://learn.microsoft.com/dotnet/api/system.object.gettype)

object.MemberwiseClone() (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)

object.ReferenceEquals(object, object) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)

object.ToString() (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Controllers (AdminPart.Controllers.html)

Assembly: AdminPart.dll

Syntax

```
[Route("Admin/Veto")]
public class VetoController : Controller, IActionFilter, IAsyncActionFilter, IFilterMetadata, IDisposable
```

Constructors

VetoController(IAdminRepo, ILogger<VetoController>)

Declaration

```
public VetoController(IAdminRepo adminRepo, ILogger<VetoController> logger)
```

Parameters

Type	Name	Description
IAdminRepo (AdminPart.Data.IAdminRepo.html)	<i>adminRepo</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<VetoController (AdminPart.Controllers.VetoController.html)>	<i>logger</i>	

Methods

AddVeto(int, string, string, string)

Declaration

```
[HttpPost("AddVeto")]
public Task<IActionResult> AddVeto(int idOfReferee, string idOfTeam, string idOfCompetition, string note)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>idOfReferee</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfTeam</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfCompetition</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>note</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1) IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)>	

DeleteVeto(int)

Declaration

```
[HttpPost("DeleteVeto")]
public IActionResult DeleteVeto(int id)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)	

UpdateVeto(int, string)

Declaration

```
[HttpPost("UpdateVeto")]
public IActionResult UpdateVeto(int id, string note)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>note</i>	

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)	

Implements

- IActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iactionfilter>)
- IAsyncActionFilter (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.iasyncactionfilter>)
- IFilterMetadata (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.filters.ifiltermetadata>)
- IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Class AdminRepo

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ AdminRepo

Implements

IAdminRepo ([AdminPart.Data.IAdminRepo.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).Data ([AdminPart.Data.html](#))

Assembly: AdminPart.dll

Syntax

```
public class AdminRepo : IAdminRepo
```

Constructors

AdminRepo(ILogger<AdminRepo>, AdminDbContext)

Declaration

```
public AdminRepo(ILogger<AdminRepo> logger, AdminDbContext context)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<AdminRepo (AdminPart.Data.AdminRepo.html)>	<i>logger</i>	
AdminDbContext (AdminPart.Models.AdminDbContext.html)	<i>context</i>	

Methods

AddMatchesAsync(List<Match>)

Adds a `listOfMatches` to the database.

Declaration

```
public Task<RepositoryResponse> AddMatchesAsync(List<Match> listOfMatches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	The list of match entities to add.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success when added or failure with an appropriate message.

Remarks

The matches into database uploads only main admin at the beggining of gaming weekend/period.

AddNewFilePreviousDelegation(string, int, DateOnly?, DateOnly?)

Adds a new file containing previous delegation information.

Declaration

```
public RepositoryResponse AddNewFilePreviousDelegation(string filePath, int amountOfMatches, DateOnly? matchesFrom, DateOnly? matchesTo)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	filePath	The path to the file.
int (https://learn.microsoft.com/dotnet/api/system.int32)	amountOfMatches	The number of matches in the file.
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)?	matchesFrom	The start date of matches in the file (optional).
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)?	matchesTo	The end date of matches in the file (optional).

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

AddRefereeToTheMatch(int, string, int, string)

Assigns a referee to a match with a specified role.

Declaration

```
public Task<RepositoryResponse> AddRefereeToTheMatch(int refereeId, string matchId, int role, string user)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	refereeld	The ID of the referee to assign.
string (https://learn.microsoft.com/dotnet/api/system.string)	matchId	The ID of the match.
int (https://learn.microsoft.com/dotnet/api/system.int32)	role	The role ID of the referee in the match.
string (https://learn.microsoft.com/dotnet/api/system.string)	user	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

AddTransfer(Transfer)

Adds a transfer record to the database.

Declaration

```
public Task<RepositoryResponse> AddTransfer(Transfer transferToAdd)
```

Parameters

Type	Name	Description
Transfer (AdminPart.Models.Transfer.html)	transferToAdd	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Remarks

The transfers into database are saved automatically based on calculations from RouteByBus/CarPlanner.cs

AddVeto(Veto)

Adds a vetoToAdd to the database.

Declaration

```
public Task<RepositoryResponse> AddVeto(Veto vetoToAdd)
```

Parameters

Type	Name	Description
Veto (AdminPart.Models.Veto.html)	<i>vetoToAdd</i>	The veto entity to add including id or referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Remarks

The vetoes into database upload all admins at the beggining of the competitions or during them.

DeleteVeto(int)

Deletes a veto from the database.

Declaration

```
public RepositoryResponse DeleteVeto(int id)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the veto to delete.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

DoesCompetitionExist(string)

Checks if a competition exists in the database.

Declaration

```
public RepositoryResult<Competition> DoesCompetitionExist(string idOfCompetition)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfCompetition</i>	The ID of the competition to check.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Competition (AdminPart.Models.Competition.html)>	A repository result containing the competition if it exists, or an error message if it doesn't.

DoesMatchExists(string)

Checks if a match exists in the database.

Declaration

```
public RepositoryResponse DoesMatchExists(string matchId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match to check.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating whether the match exists.

DoesVetoExist(string, int)

Checks if a veto exists for a specific match and referee.

Declaration

```
public Task<RepositoryResult<bool>> DoesVetoExist(string matchId, int refereeId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereId</i>	The ID of the referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)>>	A repository result containing a boolean indicating whether the veto exists, or an error message if the operation fails.

DoesVetoExistForTeam(string, string, int)

Checks if a veto exists for a specific team, competition, and referee.

Declaration

```
public RepositoryResult<bool> DoesVetoExistForTeam(string teamId, string competitionId, int refereeId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>teamId</i>	The ID of the team.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>competitionId</i>	The ID of the competition.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereId</i>	The ID of the referee.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)>	A repository result containing a boolean indicating whether the veto exists, or an error message if the operation fails.

GetCompetitions()

Retrieves all competitions from the database.

Declaration

```
public Task<RepositoryResult<List<Competition>>> GetCompetitions()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<	

RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Competition (AdminPart.Models.Competition.html)>>>	A repository result containing a list of competition entities if successful, or an error message if the operation fails.
--	--

GetFields()

Retrieves all fields from the database.

Declaration

```
public Task<RepositoryResult<List<Field>>> GetFields()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Field (AdminPart.Models.Field.html)>>>	A repository result containing a list of field entities if successful, or an error message if the operation fails.

GetFilesWithPreviousMatchesAsync()

Retrieves files containing previous delegation information.

Declaration

```
public Task<RepositoryResult<List<FilesPreviousDelegation>>> GetFilesWithPreviousMatchesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilesPreviousDelegation (AdminPart.Models.FilesPreviousDelegation.html)>>>	A repository result containing a list of files with previous matches if successful, or an error message if the operation fails.

GetMatchByIdAsync(string)

Retrieves a match by its ID.

Declaration

```
public Task<RepositoryResult<Match>> GetMatchByIdAsync(string id)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the match to retrieve.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Match (AdminPart.Models.Match.html)>>	A repository result containing the match if successful, or an error message if the operation fails.

GetMatchesAsync(Dictionary<int, string>)

Retrieves all matches whose are in the system and will be played in the future.

Declaration

```
public Task<RepositoryResult<List<MatchViewModel>>> GetMatchesAsync(Dictionary<int, string> dictNameOfReferees)
```

Parameters

Type	Name	Description
------	------	-------------

Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>	<i>dictNameOfReferees</i>	
---	---------------------------	--

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>>	A repository result containing a list of match view models if successful, or an error message if the operation fails.

Remarks

To every match add also detailed referees informations (name) ,teams,competition,field names for easier visualizing.

GetMatchesByDateAsync(Dictionary<int, string>, DateTime, DateTime)

Retrieves matches within a date range with referee information.

Declaration

```
public Task<RepositoryResult<List<MatchViewModel>>> GetMatchesByDateAsync(Dictionary<int, string> dictNameOfReferees, DateTime startDate, DateTime endDate)
```

Parameters

Type	Name	Description
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>	<i>dictNameOfReferees</i>	A dictionary mapping referee IDs to their names.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDate</i>	The start date for filtering matches.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>endDate</i>	The end date for filtering matches.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>>	A repository result containing a list of match view models if successful, or an error message if the operation fails.

GetOrSaveTheField(string)

Gets an existing field or creates a new one if it doesn't exist, so we can add location to the field.

Declaration

```
public RepositoryResult<Field> GetOrSaveTheField(string fieldName)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldName</i>	The name of the field.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Field (AdminPart.Models.Field.html)>	A repository result containing the field entity if successful, or an error message if the operation fails.

GetOrSaveTheTeam(string, string)

Gets an existing team or creates a new one if it doesn't exist.

Declaration

```
public RepositoryResult<Team> GetOrSaveTheTeam(string id, string name)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the team.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>name</i>	The name of the team.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Team (AdminPart.Models.Team.html)>	A repository result containing the team entity if successful, or an error message if the operation fails.

GetPureMatchesAsync()

Retrieves all matches whose are in the system and will be played in the future.

Declaration

```
public Task<RepositoryResult<List<Match>>> GetPureMatchesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>>	A repository result containing a list of matches if successful, or an error message if the operation fails.

Remarks

Method is similar to GetMatchesAsync() , but it is not used for displaying matches , but rather for extracting the informations about referees of refreshing cache.

GetPureNotPlayedMatchesAsync()

Retrieves all matches that have not been played yet.

Declaration

```
public Task<RepositoryResult<List<Match>>> GetPureNotPlayedMatchesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>>	A repository result containing a list of match entities if successful, or an error message if the operation fails.

GetRefereesTransfersAsync(int)

Retrieves all transfers for a specific referee.

Declaration

```
public Task<RepositoryResult<List<Transfer>>> GetRefereesTransfersAsync(int refereeId)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>>>	A repository result containing a list of transfer entities if successful, or an error message if the operation fails.

Remarks

Used in delegations, or when displaying time schedule of referee.

GetRefereesVetoAsync(int)

Retrieves all vetoes for a specific referee.

Declaration

```
public Task<RepositoryResult<List<Veto>>> GetRefereesVetoAsync(int refereeId)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Veto (AdminPart.Models.Veto.html)>>>	A repository result containing a list of veto entities if successful, or an error message if the operation fails.

GetStartGameDate()

Gets the start date of the gaming block (f.e weekend).

Declaration

```
public RepositoryResult<DateOnly> GetStartGameDate()
```

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)>	A repository result containing the start date if successful, or an error message if the operation fails.

GetTeamsByInput(string)

Declaration

```
public Task<RepositoryResult<List<Team>>> GetTeamsByInput(string input)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>input</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Team (AdminPart.Models.Team.html)>>>	

GetTeamsPureMatchesAsync(string, string)

Retrieves all matches for a specific team and competition, but they must be already labelled as played.

Declaration

```
public Task<RepositoryResult<List<Match>>> GetTeamsPureMatchesAsync(string teamId, string competitionId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>teamId</i>	The ID of the team.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>competitionId</i>	The ID of the competition.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>>	A repository result containing a list of match entities if successful, or an error message if the operation fails.

Remarks

Used in checking how many times refereee this season refereed this specific team.

GetTransfersWithinGameWeekend(DateTime)

Retrieves all transfers occurring within a specific game weekend.

Declaration

```
public Task<RepositoryResult<List<Transfer>>> GetTransfersWithinGameWeekend(DateTime startDayOfWeekend)
```

Parameters

Type	Name	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDayOfWeekend</i>	The start date of the weekend.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>>>	A repository result containing a list of transfer entities if successful, or an error message if the operation fails.

Remarks

Used when adding time options to all referees in the start of admin part , we want to limit the number of transfer for only relevant ones , gaming weekend is usually 3 days , so it is transfers from startDay to startDay+4 days

RemoveRefereeFromTheMatch(int, string, string)

Removes a referee from a match.

Declaration

```
public Task<RepositoryResponse> RemoveRefereeFromTheMatch(int refereeId, string matchId, string user)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee to remove.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

RemoveTransfersConnectedTo(int, string)

Removes transfers connected to a specific referee and match.

Declaration

```
public Task<RepositoryResponse> RemoveTransfersConnectedTo(int refereeId, string matchId)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

TieAndUpdateTheMatchesAsync(List<FilledMatchDto>, Dictionary<string, int>, string, string)

Links matches with referees and updates the database.

Declaration

```
public Task<RepositoryResponse> TieAndUpdateTheMatchesAsync(List<FilledMatchDto> listOfMatches, Dictionary<string, int> refereeDict, string filePath, string user)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledMatchDto (AdminPart.DTOs.FilledMatchDto.html)>	<i>listOfMatches</i>	The list of filled match DTOs.
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<string (https://learn.microsoft.com/dotnet/api/system.string), int (https://learn.microsoft.com/dotnet/api/system.int32)>	<i>refereeDict</i>	A dictionary mapping referee IDs to their internal IDs.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>filePath</i>	The path to the file containing match information.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Remarks

Used in proccess of saving played matches to server , we update the matches whose are in the database already

UpdateExistingField(FieldToUpdateDto)

Updates the properties of an existing field.

Declaration

```
public RepositoryResponse UpdateExistingField(FieldToUpdateDto field)
```

Parameters

Type	Name	Description
FieldToUpdateDto (AdminPart.DTOs.FieldToUpdateDto.html)	<i>field</i>	

Returns

--	--

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

UpdateExistingVeto(int, string)

Updates the note for an existing veto.

Declaration

```
public RepositoryResponse UpdateExistingVeto(int id, string note)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the veto to update.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>note</i>	The new note text.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

UpdateFieldsAsync(List<FilledFieldDto>)

Updates multiple fields in the database.

Declaration

```
public Task<RepositoryResponse> UpdateFieldsAsync(List<FilledFieldDto> listOfFields)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledFieldDto (AdminPart.DTOs.FilledFieldDto.html)>	<i>listOfFields</i>	The list of filled field DTOs.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateMatchAsync(Match)

Updates a match in the database.

Declaration

```
public Task<RepositoryResponse> UpdateMatchAsync(Match match)
```

Parameters

Type	Name	Description
Match (AdminPart.Models.Match.html)	<i>match</i>	The updated match entity.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateMatchLockAsync(string, string)

Toggles the lock status of a match.

Declaration

```
public Task<RepositoryResult<bool>> UpdateMatchLockAsync(string id, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the match to update.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)>>	A repository result containing a boolean indicating success and the new lock status, or an error message if the operation fails.

UpdateMatchPlayedAsync(string, string)

Marks a match as played.

Declaration

```
public Task<RepositoryResponse> UpdateMatchPlayedAsync(string id, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the match to update.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateMatchesAsync(List<Match>)

Updates multiple matches in the database.

Declaration

```
public Task<RepositoryResponse> UpdateMatchesAsync(List<Match> listOfMatches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	The list of updated match entities.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdatePostMatchRelationship(Match, string)

Updates the post-match relationship for a match.

Declaration

```
public Task<RepositoryResponse> UpdatePostMatchRelationship(Match existingMatch, string newPostMatchId)
```

Parameters

Type	Name	Description

Match (AdminPart.Models.Match.html)	<i>existingMatch</i>	The existing match entity.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>newPostMatchId</i>	The ID of the new post-match to link.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdatePreMatchRelationship(Match, string)

Updates the pre-match relationship for a match.

Declaration

```
public Task<RepositoryResponse> UpdatePreMatchRelationship(Match existingMatch, string newPreMatchId)
```

Parameters

Type	Name	Description
Match (AdminPart.Models.Match.html)	<i>existingMatch</i>	The existing match entity.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>newPreMatchId</i>	The ID of the new pre-match to link.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UploadStartDate(DateOnly)

Sets the start date of the game season.

Declaration

```
public RepositoryResponse UploadStartDate(DateOnly date)
```

Parameters

Type	Name	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>date</i>	The start date to set.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

Implements

IAdminRepo (AdminPart.Data.IAdminRepo.html)

Interface IAdminRepo

Interface for managing data within admin-database in the repository.

Namespace: AdminPart (AdminPart.html),Data (AdminPart.Data.html)

Assembly: AdminPart.dll

Syntax

```
public interface IAdminRepo
```

Methods

AddMatchesAsync(List<Match>)

Adds a listOfMatches to the database.

Declaration

```
Task<RepositoryResponse> AddMatchesAsync(List<Match> listOfMatches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	The list of match entities to add.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success when added or failure with an appropriate message.

Remarks

The matches into database uploads only main admin at the beggining of gaming weekend/period.

AddNewFilePreviousDelegation(string, int, DateOnly?, DateOnly?)

Adds a new file containing previous delegation information.

Declaration

```
RepositoryResponse AddNewFilePreviousDelegation(string filePath, int amountOfMatches, DateOnly? matchesFrom, DateOnly? matchesTo)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>filePath</i>	The path to the file.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>amountOfMatches</i>	The number of matches in the file.
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly) ?	<i>matchesFrom</i>	The start date of matches in the file (optional).
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly) ?	<i>matchesTo</i>	The end date of matches in the file (optional).

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

AddRefereeToTheMatch(int, string, int, string)

Assigns a referee to a match with a specified role.

Declaration

```
Task<RepositoryResponse> AddRefereeToTheMatch(int refereeId, string matchId, int role, string user)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee to assign.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>role</i>	The role ID of the referee in the match.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

AddTransfer(Transfer)

Adds a transfer record to the database.

Declaration

```
Task<RepositoryResponse> AddTransfer(Transfer transfer)
```

Parameters

Type	Name	Description
Transfer (AdminPart.Models.Transfer.html)	<i>transfer</i>	The transfer entity to add including id of referee and matches whose are connected with this transfer.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Remarks

The transfers into database are saved automatically based on calculations from RouteByBus/CarPlanner.cs

AddVeto(Veto)

Adds a vetoToAdd to the database.

Declaration

```
Task<RepositoryResponse> AddVeto(Veto vetoToAdd)
```

Parameters

Type	Name	Description
Veto (AdminPart.Models.Veto.html)	<i>vetoToAdd</i>	The veto entity to add including id or referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Remarks

The vetoes into database upload all admins at the beggining of the competitions or during them.

DeleteVeto(int)

Deletes a veto from the database.

Declaration

```
RepositoryResponse DeleteVeto(int id)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the veto to delete.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

DoesCompetitionExist(string)

Checks if a competition exists in the database.

Declaration

```
RepositoryResult<Competition> DoesCompetitionExist(string idOfCompetition)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfCompetition</i>	The ID of the competition to check.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Competition (AdminPart.Models.Competition.html)>	A repository result containing the competition if it exists, or an error message if it doesn't.

DoesMatchExists(string)

Checks if a match exists in the database.

Declaration

```
RepositoryResponse DoesMatchExists(string matchId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match to check.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating whether the match exists.

DoesVetoExist(string, int)

Checks if a veto exists for a specific match and referee.

Declaration

```
Task<RepositoryResult<bool>> DoesVetoExist(string matchId, int refereeId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereId</i>	The ID of the referee.

Returns

Type	Description
------	-------------

Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)>>	A repository result containing a boolean indicating whether the veto exists, or an error message if the operation fails.
--	--

DoesVetoExistForTeam(string, string, int)

Checks if a veto exists for a specific team, competition, and referee.

Declaration

```
RepositoryResult<bool> DoesVetoExistForTeam(string teamId, string competitionId, int refereeId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>teamId</i>	The ID of the team.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>competitionId</i>	The ID of the competition.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereId</i>	The ID of the referee.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)>	A repository result containing a boolean indicating whether the veto exists, or an error message if the operation fails.

GetCompetitions()

Retrieves all competitions from the database.

Declaration

```
Task<RepositoryResult<List<Competition>>> GetCompetitions()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Competition (AdminPart.Models.Competition.html)>>>	A repository result containing a list of competition entities if successful, or an error message if the operation fails.

GetFields()

Retrieves all fields from the database.

Declaration

```
Task<RepositoryResult<List<Field>>> GetFields()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Field (AdminPart.Models.Field.html)>>>	A repository result containing a list of field entities if successful, or an error message if the operation fails.

GetFilesWithPreviousMatchesAsync()

Retrieves files containing previous delegation information.

Declaration

```
Task<RepositoryResult<List<FilesPreviousDelegation>>> GetFilesWithPreviousMatchesAsync()
```

Returns

--	--

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilesPreviousDelegation (AdminPart.Models.FilesPreviousDelegation.html)>>>	A repository result containing a list of files with previous matches if successful, or an error message if the operation fails.

GetMatchByIdAsync(string)

Retrieves a match by its ID.

Declaration

```
Task<RepositoryResult<Match>> GetMatchByIdAsync(string id)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the match to retrieve.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Match (AdminPart.Models.Match.html)>>	A repository result containing the match if successful, or an error message if the operation fails.

GetMatchesAsync(Dictionary<int, string>)

Retrieves all matches whose are in the system and will be played in the future.

Declaration

```
Task<RepositoryResult<List<MatchViewModel>>> GetMatchesAsync(Dictionary<int, string> nameOfReferees)
```

Parameters

Type	Name	Description
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>	<i>nameOfReferees</i>	A dictionary mapping referee IDs to their names.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>>	A repository result containing a list of match view models if successful, or an error message if the operation fails.

Remarks

To every match add also detailed referees informations (name) ,teams,competition,field names for easier visualizing.

GetMatchesByDateAsync(Dictionary<int, string>, DateTime, DateTime)

Retrieves matches within a date range with referee information.

Declaration

```
Task<RepositoryResult<List<MatchViewModel>>> GetMatchesByDateAsync(Dictionary<int, string> dictNameOfReferees, DateTime startDate, DateTime endDate)
```

Parameters

Type	Name	Description
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>	<i>dictNameOfReferees</i>	A dictionary mapping referee IDs

		to their names.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDate</i>	The start date for filtering matches.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>endDate</i>	The end date for filtering matches.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>>	A repository result containing a list of match view models if successful, or an error message if the operation fails.

GetOrSaveTheField(string)

Gets an existing field or creates a new one if it doesn't exist, so we can add location to the field.

Declaration

```
RepositoryResult<Field> GetOrSaveTheField(string fieldName)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldName</i>	The name of the field.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Field (AdminPart.Models.Field.html)>	A repository result containing the field entity if successful, or an error message if the operation fails.

GetOrSaveTheTeam(string, string)

Gets an existing team or creates a new one if it doesn't exist.

Declaration

```
RepositoryResult<Team> GetOrSaveTheTeam(string id, string name)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the team.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>name</i>	The name of the team.

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Team (AdminPart.Models.Team.html)>	A repository result containing the team entity if successful, or an error message if the operation fails.

GetPureMatchesAsync()

Retrieves all matches whose are in the system and will be played in the future.

Declaration

```
Task<RepositoryResult<List<Match>>>> GetPureMatchesAsync()
```

Returns

--	--

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>>	A repository result containing a list of matches if successful, or an error message if the operation fails.

Remarks

Method is similar to GetMatchesAsync() , but it is not used for displaying matches , but rather for extracting the informations about referees of refreshing cache.

GetPureNotPlayedMatchesAsync()

Retrieves all matches that have not been played yet.

Declaration

```
Task<RepositoryResult<List<Match>>>> GetPureNotPlayedMatchesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>>	A repository result containing a list of match entities if successful, or an error message if the operation fails.

GetRefereesTransfersAsync(int)

Retrieves all transfers for a specific referee.

Declaration

```
Task<RepositoryResult<List<Transfer>>>> GetRefereesTransfersAsync(int refereeId)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>>>	A repository result containing a list of transfer entities if successful, or an error message if the operation fails.

Remarks

Used in delegations, or when displaying time schedule of referee.

GetRefereesVetoAsync(int)

Retrieves all vetoes for a specific referee.

Declaration

```
Task<RepositoryResult<List<Veto>>>> GetRefereesVetoAsync(int refereeId)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<	A repository result containing a list of veto entities if successful, or an error message if the operation fails.

Veto (AdminPart.Models.Veto.html)>>>	
--------------------------------------	--

GetStartDate()

Gets the start date of the gaming block (f.e weekend).

Declaration

```
RepositoryResult<DateOnly> GetStartDate()
```

Returns

Type	Description
RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)>	A repository result containing the start date if successful, or an error message if the operation fails.

GetTeamsByInput(string)

Declaration

```
Task<RepositoryResult<List<Team>>> GetTeamsByInput(string input)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>input</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Team (AdminPart.Models.Team.html)>>>	

GetTeamsPureMatchesAsync(string, string)

Retrieves all matches for a specific team and competition, but they must be already labelled as played.

Declaration

```
Task<RepositoryResult<List<Match>>> GetTeamsPureMatchesAsync(string teamId, string competitionId)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>teamId</i>	The ID of the team.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>competitionId</i>	The ID of the competition.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>>	A repository result containing a list of match entities if successful, or an error message if the operation fails.

Remarks

Used in checking how many times referee this season refereed this specific team.

GetTransfersWithinGameWeekend(DateTime)

Retrieves all transfers occurring within a specific game weekend.

Declaration

```
Task<RepositoryResult<List<Transfer>>> GetTransfersWithinGameWeekend(DateTime startDayOfWeekend)
```

Parameters

Type	Name	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDayOfWeekend</i>	The start date of the weekend.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>>>	A repository result containing a list of transfer entities if successful, or an error message if the operation fails.

Remarks

Used when adding time options to all referees in the start of admin part , we want to limit the number of transfer for only relevant ones , gaming weekend is usually 3 days , so it is transfers from startDay to startDay+4 days

RemoveRefereeFromTheMatch(int, string, string)

Removes a referee from a match.

Declaration

```
Task<RepositoryResponse> RemoveRefereeFromTheMatch(int refereeId, string matchId, string user)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee to remove.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

RemoveTransfersConnectedTo(int, string)

Removes transfers connected to a specific referee and match.

Declaration

```
Task<RepositoryResponse> RemoveTransfersConnectedTo(int refereeId, string matchId)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	The ID of the referee.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The ID of the match.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

TieAndUpdateTheMatchesAsync(List<FilledMatchDto>, Dictionary<string, int>, string, string)

Links matches with referees and updates the database.

Declaration

```
Task<RepositoryResponse> TieAndUpdateTheMatchesAsync(List<FilledMatchDto> listOfMatches, Dictionary<string, int> refereeDict, string filePath, string user)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< FilledMatchDto (AdminPart.DTOs.FilledMatchDto.html)>	<i>listOfMatches</i>	The list of filled match DTOs.
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)< string (https://learn.microsoft.com/dotnet/api/system.string), int (https://learn.microsoft.com/dotnet/api/system.int32)>	<i>refereeDict</i>	A dictionary mapping referee IDs to their internal IDs.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>filePath</i>	The path to the file containing match information.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Remarks

Used in proccess of saving played matches to server , we update the matches whose are in the database already

UpdateExistingField(FieldToUpdateDto)

Updates the properties of an existing field.

Declaration

```
RepositoryResponse UpdateExistingField(FieldToUpdateDto fieldToUpdate)
```

Parameters

Type	Name	Description
FieldToUpdateDto (AdminPart.DTOs.FieldToUpdateDto.html)	<i>fieldToUpdate</i>	The field update DTO containing the new values.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

UpdateExistingVeto(int, string)

Updates the note for an existing veto.

Declaration

```
RepositoryResponse UpdateExistingVeto(int id, string note)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the veto to update.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>note</i>	The new note text.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

UpdateFieldsAsync(List<FilledFieldDto>)

Updates multiple fields in the database.

Declaration

```
Task<RepositoryResponse> UpdateFieldsAsync(List<FilledFieldDto> listOfFields)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< FilledFieldDto (AdminPart.DTOs.FilledFieldDto.html)>	<i>listOfFields</i>	The list of filled field DTOs.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateMatchAsync(Match)

Updates a match in the database.

Declaration

```
Task<RepositoryResponse> UpdateMatchAsync(Match match)
```

Parameters

Type	Name	Description
Match (AdminPart.Models.Match.html)	<i>match</i>	The updated match entity.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateMatchLockAsync(string, string)

Toggles the lock status of a match.

Declaration

```
Task<RepositoryResult<bool>> UpdateMatchLockAsync(string id, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the match to update.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResult (AdminPart.Common.RepositoryResult-1.html)< bool (https://learn.microsoft.com/dotnet/api/system.boolean)>>	A repository result containing a boolean indicating success and the new lock status, or an error message if the operation fails.

UpdateMatchPlayedAsync(string, string)

Marks a match as played.

Declaration

```
Task<RepositoryResponse> UpdateMatchPlayedAsync(string id, string user)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>id</i>	The ID of the match to update.

string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who is trying to do the action.
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Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateMatchesAsync(List<Match>)

Updates multiple matches in the database.

Declaration

```
Task<RepositoryResponse> UpdateMatchesAsync(List<Match> listOfMatches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	The list of updated match entities.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdatePostMatchRelationship(Match, string)

Updates the post-match relationship for a match.

Declaration

```
Task<RepositoryResponse> UpdatePostMatchRelationship(Match existingMatch, string newPostMatchId)
```

Parameters

Type	Name	Description
Match (AdminPart.Models.Match.html)	<i>existingMatch</i>	The existing match entity.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>newPostMatchId</i>	The ID of the new post-match to link.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdatePreMatchRelationship(Match, string)

Updates the pre-match relationship for a match.

Declaration

```
Task<RepositoryResponse> UpdatePreMatchRelationship(Match existingMatch, string newPreMatchId)
```

Parameters

Type	Name	Description
Match (AdminPart.Models.Match.html)	<i>existingMatch</i>	The existing match entity.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>newPreMatchId</i>	The ID of the new pre-match to link.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UploadStartDate(DateOnly)

Sets the start date of the game season.

Declaration

```
RepositoryResponse UploadStartDate(DateOnly date)
```

Parameters

Type	Name	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>date</i>	The start date to set.

Returns

Type	Description
RepositoryResponse (AdminPart.Common.RepositoryResponse.html)	A repository response indicating success or failure with an appropriate message.

Interface IRefereeRepo

Interface for managing referee data from referee-database in the repository.

Namespace: AdminPart (AdminPart.html),Data (AdminPart.Data.html)

Assembly: AdminPart.dll

Syntax

```
public interface IRefereeRepo
```

Methods

AddRefereeAsync(Referee)

Adds a new referee to the database after checking for duplicates by name and surname.

Declaration

```
Task<RepositoryResponse> AddRefereeAsync(Referee referee)
```

Parameters

Type	Name	Description
Referee (AdminPart.Models.Referee.html)	<i>referee</i>	The referee entity to add.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message. Returns failure if a referee with the same name and surname already exists.

GetExcusesAsync()

Retrieves all excuses from the database.

Declaration

```
Task<RepositoryResult<List<Excuse>>> GetExcusesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResult (AdminPart.Common.RepositoryResult-1.html)< List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< Excuse (AdminPart.Models.Excuse.html)>>>	A repository result containing a list of excuses if successful, or an error message if the operation fails.

GetRefereeByIdAsync(int)

Retrieves a specific referee by their ID, including their excuses and vehicle slots.

Declaration

```
Task<RepositoryResult<Referee>> GetRefereeByIdAsync(int id)
```

Parameters

Type	Name	Description
------	------	-------------

int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the referee to retrieve.
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Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Referee (AdminPart.Models.Referee.html)>>	A repository result containing the referee if successful, or an error message if the referee wasn't found or the operation fails.

GetRefereeIdsFromFacrIdOrNameAsync(List<FilledMatchDto>)

Maps FACR IDs from a list of matches to internal referee IDs in the database. If a referee with the FACR ID is not found, attempts to find them by name and surname.

Declaration

```
Task<RepositoryResult<Dictionary<string, int>>> GetRefereeIdsFromFacrIdOrNameAsync(List<FilledMatchDto> listOfMatches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledMatchDto (AdminPart.DTOs.FilledMatchDto.html)>	<i>listOfMatches</i>	A list of filled match DTOs containing referee information.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<string (https://learn.microsoft.com/dotnet/api/system.string), int (https://learn.microsoft.com/dotnet/api/system.int32)>>>	A repository result containing a dictionary mapping FACR IDs to internal referee IDs if successful, or an error message if the operation fails.

GetRefereeRealNameAndFacrIdById()

Retrieves a mapping of referee IDs to their full names and FACR IDs.

Declaration

```
Task<RepositoryResult<Dictionary<int, Tuple<string, string>>>> GetRefereeRealNameAndFacrIdById()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>>>>	A repository result containing a dictionary where each key is a referee ID, and each value is a tuple containing the referee's full name and FACR ID if successful, or an error message if the operation fails.

GetRefereesAsync()

Retrieves all referees from the database, including their vehicle slots and excuses.

Declaration

```
Task<RepositoryResult<List<Referee>>> GetRefereesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Referee (AdminPart.Models.Referee.html)>>>	A repository result containing a list of referees if successful, or an error message if the operation fails.

UpdateRefereeAsync(int, RefereeAddRequest)

Updates an existing referee's information in the database.

Declaration

```
Task<RepositoryResponse> UpdateRefereeAsync(int id, RefereeAddRequest referee)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the referee to update.
RefereeAddRequest (AdminPart.DTOs.RefereeAddRequest.html)	<i>referee</i>	The updated referee information.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateRefereesAsync(Dictionary<KeyValuePair<string, string>, IRefereeDto>)

Updates multiple referees based on a dictionary of name/surname pairs and referee DTOs. Creates new referees if they don't exist in the database.

Declaration

```
Task<RepositoryResponse> UpdateRefereesAsync(Dictionary<KeyValuePair<string, string>, IRefereeDto> referees)
```

Parameters

Type	Name	Description
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<KeyValuePair (https://learn.microsoft.com/dotnet/api/system.collections.generic.keyvaluepair-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>, IRefereeDto (AdminPart.DTOs.IRefereeDto.html)>	<i>referees</i>	A dictionary where each key is a KeyValuePair of name and surname, and each value is an object implementing IRefereeDto with referee information.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

Namespace AdminPart.Data

Classes

AdminRepo (AdminPart.Data.AdminRepo.html)

RefereeRepo (AdminPart.Data.RefereeRepo.html)

Interfaces

IAdminRepo (AdminPart.Data.IAdminRepo.html)

Interface for managing data within admin-database in the repository.

IRefereeRepo (AdminPart.Data.IRefereeRepo.html)

Interface for managing referee data from referee-database in the repository.

Class RefereeRepo

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeRepo

Implements

IRefereeRepo ([AdminPart.Data.IRefereeRepo.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[Data](#) ([AdminPart.Data.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class RefereeRepo : IRefereeRepo
```

Constructors

RefereeRepo(ILogger<RefereeRepo>, RefereeDbContext)

Declaration

```
public RefereeRepo(ILogger<RefereeRepo> logger, RefereeDbContext context)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)< RefereeRepo (AdminPart.Data.RefereeRepo.html)>	<i>logger</i>	
RefereeDbContext (AdminPart.Models.RefereeDbContext.html)	<i>context</i>	

Methods

AddRefereeAsync(Referee)

Adds a new referee to the database after checking for duplicates by name and surname.

Declaration

```
public Task<RepositoryResponse> AddRefereeAsync(Referee referee)
```

Parameters

Type	Name	Description
Referee (AdminPart.Models.Referee.html)	<i>referee</i>	The referee entity to add.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< RepositoryResponse >	A repository response indicating success or failure with an appropriate message. Returns failure if a referee with the same name and surname already exists.

RepositoryResponse (AdminPart.Common.RepositoryResponse.html) >	
---	--

GetExcusesAsync()

Retrieves all excuses from the database.

Declaration

```
public Task<RepositoryResult<List<Excuse>>> GetExcusesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Excuse (AdminPart.Models.Excuse.html)>>>	A repository result containing a list of excuses if successful, or an error message if the operation fails.

GetRefereeByIdAsync(int)

Retrieves a specific referee by their ID, including their excuses and vehicle slots.

Declaration

```
public Task<RepositoryResult<Referee>> GetRefereeByIdAsync(int id)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the referee to retrieve.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Referee (AdminPart.Models.Referee.html)>>	A repository result containing the referee if successful, or an error message if the referee wasn't found or the operation fails.

GetRefereeIdsFromFacrIdOrNameAsync(List<FilledMatchDto>)

Maps FACR IDs from a list of matches to internal referee IDs in the database. If a referee with the FACR ID is not found, attempts to find them by name and surname.

Declaration

```
public Task<RepositoryResult<Dictionary<string, int>>> GetRefereeIdsFromFacrIdOrNameAsync(List<FilledMatchDto> listOfMatches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledMatchDto (AdminPart.DTOs.FilledMatchDto.html)>	<i>listOfMatches</i>	A list of filled match DTOs containing referee information.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<string (https://learn.microsoft.com/dotnet/api/system.string), int (https://learn.microsoft.com/dotnet/api/system.int32)>>>	A repository result containing a dictionary mapping FACR IDs to internal referee IDs if successful, or an error message if the operation fails.

GetRefereeRealNameAndFacrIdById()

Retrieves a mapping of referee IDs to their full names and FACR IDs.

Declaration

```
public Task<RepositoryResult<Dictionary<int, Tuple<string, string>>>> GetRefereeRealNameAndFacrIdById()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>>>>	A repository result containing a dictionary where each key is a referee ID, and each value is a tuple containing the referee's full name and FACR ID if successful, or an error message if the operation fails.

GetRefereesAsync()

Retrieves all referees from the database, including their vehicle slots and excuses.

Declaration

```
public Task<RepositoryResult<List<Referee>>> GetRefereesAsync()
```

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResult (AdminPart.Common.RepositoryResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Referee (AdminPart.Models.Referee.html)>>>	A repository result containing a list of referees if successful, or an error message if the operation fails.

UpdateRefereeAsync(int, RefereeAddRequest)

Updates an existing referee's information in the database.

Declaration

```
public Task<RepositoryResponse> UpdateRefereeAsync(int id, RefereeAddRequest referee)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>id</i>	The ID of the referee to update.
RefereeAddRequest (AdminPart.DTOs.RefereeAddRequest.html)	<i>referee</i>	The updated referee information.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<RepositoryResponse (AdminPart.Common.RepositoryResponse.html)>	A repository response indicating success or failure with an appropriate message.

UpdateRefereesAsync(Dictionary<KeyValuePair<string, string>, IRefereeDto>)

Updates multiple referees based on a dictionary of name/surname pairs and referee DTOs. Creates new referees if they don't exist in the database.

Declaration

```
public Task<RepositoryResponse> UpdateRefereesAsync(Dictionary<KeyValuePair<string, string>, IRefereeDto> referees)
```

Parameters

Type	Name	Description
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<KeyValuePair (https://learn.microsoft.com/dotnet/api/system.collections.generic.keyvaluepair-2)<string (https://learn.microsoft.com/dotnet/api/system.string),	<i>referees</i>	A dictionary where each key is a KeyValuePair of name and surname, and each value

string (https://learn.microsoft.com/dotnet/api/system.string)>, IRefereeDto (AdminPart.DTOs.IRefereeDto.html) >	is an object implementing IRefereeDto with referee information.
--	---

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1) < RepositoryResponse (AdminPart.Common.RepositoryResponse.html) >	A repository response indicating success or failure with an appropriate message.

Implements

[IRefereeRepo \(AdminPart.Data.IRefereeRepo.html\)](#)

Class FieldToUpdateDto

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ [FieldToUpdateDto](#)

Inherited Members

- [object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
- [object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
- [object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
- [object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
- [object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
- [object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
- [object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[DTOs](#) ([AdminPart.DTOs.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class FieldToUpdateDto
```

Properties

FieldAddress

Declaration

```
public string? FieldAddress { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FieldId

Declaration

```
public int FieldId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

FieldName

Declaration

```
public string FieldName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Latitude

Declaration

```
public float Latitude { get; set; }
```

Property Value

Type	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	

Longitude

Declaration

```
public float Longitude { get; set; }
```

Property Value

Type	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	

Class FilledFieldDto

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ FilledFieldDto

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[DTOs](#) ([AdminPart.DTOs.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class FilledFieldDto
```

Constructors

FilledFieldDto(string, string?, float?, float?)

Declaration

```
public FilledFieldDto(string fieldName, string? fieldAddress, float? fieldLatitude, float? fieldLongitude)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldName</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldAddress</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)?	<i>fieldLatitude</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)?	<i>fieldLongitude</i>	

Fields

FieldAddress

Declaration

```
public string? FieldAddress
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FieldLatitude

Declaration

```
public float? FieldLatitude
```

Field Value

Type	Description

float (https://learn.microsoft.com/dotnet/api/system.single)?	
--	--

FieldLongitude

Declaration

```
public float? FieldLongitude
```

Field Value

Type	Description
float (https://learn.microsoft.com/dotnet/api/system.single)?	

FieldName

Declaration

```
public string FieldName
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Class FilledMatchDto

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ FilledMatchDto

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).DTOs (AdminPart.DTOs.html)

Assembly: AdminPart.dll

Syntax

```
public class FilledMatchDto
```

Constructors

FilledMatchDto(string, string, string, string, string, string, string, string, string, string)

Declaration

```
public FilledMatchDto(string numberMatch, string idOfReferee, string nameOfReferee, string surnameOfReferee, string idOfAr1, string nameOfAr1, string surnameOfAr1, string idOfAr2, string nameOfAr2, string surnameOfAr2)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>numberMatch</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfReferee</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>nameOfReferee</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>surnameOfReferee</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfAr1</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>nameOfAr1</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>surnameOfAr1</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idOfAr2</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>nameOfAr2</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>surnameOfAr2</i>	

Fields

IdOfAr1

Declaration

```
public string? IdOfAr1
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IdOfAr2

Declaration

```
public string? IdOfAr2
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IdOfReferee

Declaration

```
public string? IdOfReferee
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NameOfAr1

Declaration

```
public string? NameOfAr1
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NameOfAr2

Declaration

```
public string? NameOfAr2
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NameOfReferee

Declaration

```
public string? NameOfReferee
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NumberMatch

Declaration

```
public string NumberMatch
```

Field Value

Type	Description

string (https://learn.microsoft.com/dotnet/api/system.string)	
--	--

SurnameOfAr1

Declaration

```
public string? SurnameOfAr1
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

SurnameOfAr2

Declaration

```
public string? SurnameOfAr2
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

SurnameOfReferee

Declaration

```
public string? SurnameOfReferee
```

Field Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Class FilledRefereeDto

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ FilledRefereeDto

Implements

IRefereeDto ([AdminPart.DTOS.IRefereeDto.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).DTOs ([AdminPart.DTOS.html](#))

Assembly: AdminPart.dll

Syntax

```
public class FilledRefereeDto : IRefereeDto
```

Constructors

FilledRefereeDto(string, string, string?, string?, string?)

Declaration

```
public FilledRefereeDto(string name, string surname, string? email, string? facrId, string? phoneNumber)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>name</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>surname</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>email</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>facrId</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>phoneNumber</i>	

Properties

Email

Declaration

```
public string? Email { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FacrId

Declaration


```
public string? FacrId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Name

Declaration

```
public string Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

PhoneNumber

Declaration

```
public string? PhoneNumber { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Surname

Declaration

```
public string Surname { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Implements

IRefereeDto ([AdminPart.DTOs.IRefereeDto.html](#))

Interface IRefereeDto

Namespace: AdminPart (AdminPart.html).DTOs (AdminPart.DTOs.html)

Assembly: AdminPart.dll

Syntax

```
public interface IRefereeDto
```

Properties

Name

Declaration

```
string Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Surname

Declaration

```
string Surname { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Namespace AdminPart.DTOs

Classes

FieldToUpdateDto ([AdminPart.DTOs.FieldToUpdateDto.html](#))

FilledFieldDto ([AdminPart.DTOs.FilledFieldDto.html](#))

FilledMatchDto ([AdminPart.DTOs.FilledMatchDto.html](#))

FilledRefereeDto ([AdminPart.DTOs.FilledRefereeDto.html](#))

RefereeAddRequest ([AdminPart.DTOs.RefereeAddRequest.html](#))

RefereeLevelDto ([AdminPart.DTOs.RefereeLevelDto.html](#))

RefereesMatchesResponseDto ([AdminPart.DTOs.RefereesMatchesResponseDto.html](#))

RefereesTeamsMatchesRequestDto
([AdminPart.DTOs.RefereesTeamsMatchesRequestDto.html](#))

RefereesTeamsMatchesResponseDto
([AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html](#))

UnfilledMatchDto ([AdminPart.DTOs.UnfilledMatchDto.html](#))

Interfaces

IRefereeDto ([AdminPart.DTOs.IRefereeDto.html](#))

Class RefereeAddRequest

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeAddRequest

Implements

IRefereeDto ([AdminPart.DTOs.IRefereeDto.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).DTOs ([AdminPart.DTOs.html](#))

Assembly: AdminPart.dll

Syntax

```
public class RefereeAddRequest : IRefereeDto
```

Properties

Age

Declaration

```
[Required(ErrorMessage = "Age is required")]  
public int Age { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

CarAvailability

Declaration

```
public bool CarAvailability { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Email

Declaration

```
[Required(ErrorMessage = "Email is required")]  
[EmailAddress(ErrorMessage = "Invalid email format")]  
public string Email { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FacrId

Declaration

```
public string? FacrId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

League

Declaration

```
[Required(ErrorMessage = "League is required")]
[Range(0, 10, ErrorMessage = "League must be between 0 and 10")]
public int League { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Name

Declaration

```
[Required(ErrorMessage = "Name is required")]
public string Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Note

Declaration

```
public string? Note { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Ofs

Declaration

```
public bool Ofs { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Place

Declaration

```
public string? Place { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Surname

Declaration

```
[Required(ErrorMessage = "Surname is required")]
public string Surname { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Implements

IRefereeDto ([AdminPart.DTOs.IRefereeDto.html](#))

Class RefereeLevelDto

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeLevelDto

Implements

IRefereeDto ([AdminPart.DTOs.IRefereeDto.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[DTOs](#) ([AdminPart.DTOs.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class RefereeLevelDto : IRefereeDto
```

Constructors

RefereeLevelDto(string, string, int, int)

Declaration

```
public RefereeLevelDto(string name, string surname, int league, int age)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>name</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>surname</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>league</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>age</i>	

Properties

Age

Declaration

```
public int Age { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

League

Declaration

```
public int League { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Name

Declaration

```
public string Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Ofs

Declaration

```
public bool Ofs { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Surname

Declaration

```
public string Surname { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Implements

IRefereeDto ([AdminPart.DTOs.IRefereeDto.html](#))

Class RefereesMatchesResponseDto

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RefereesMatchesResponseDto

Inherited Members

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).DTOs (AdminPart.DTOs.html)

Assembly: AdminPart.dll

Syntax

```
public class RefereesMatchesResponseDto
```

Properties

RefereeId

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

asAssistantReferee

Declaration

```
public int asAssistantReferee { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

asReferee

Declaration

```
public int asReferee { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Class RefereesTeamsMatchesRequestDto

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereesTeamsMatchesRequestDto

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[DTOs](#) ([AdminPart.DTOs.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class RefereesTeamsMatchesRequestDto
```

Properties

CompetitionId

Declaration

```
public string CompetitionId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IsReferee

Declaration

```
public bool IsReferee { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

RefereeIds

Declaration

```
public List<int> RefereeIds { get; set; }
```

Property Value

Type	Description
List (<int>) (https://learn.microsoft.com/dotnet/api/system.int32)	

TeamId

Declaration

```
public string TeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Class RefereesTeamsMatchesResponseDto

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RefereesTeamsMatchesResponseDto

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))

[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))

[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)

[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)

[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)

[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)

[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[DTOs](#) ([AdminPart.DTOs.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class RefereesTeamsMatchesResponseDto
```

Properties

AwayCount

Declaration

```
public int AwayCount { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

HomeCount

Declaration

```
public int HomeCount { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

RefereeId

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Class UnfilledMatchDto

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ UnfilledMatchDto

Inherited Members

- [object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
- [object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
- [object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
- [object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
- [object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
- [object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
- [object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).DTOs (AdminPart.DTOs.html)

Assembly: AdminPart.dll

Syntax

```
public class UnfilledMatchDto
```

Constructors

UnfilledMatchDto(string, string, string, string, string, DateTime, string)

Declaration

```
public UnfilledMatchDto(string numberMatch, string idHomeRaw, string nameHome, string idAwayRaw, string nameAway, DateTime dateOfGame, string gameField)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>numberMatch</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idHomeRaw</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>nameHome</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>idAwayRaw</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>nameAway</i>	
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>dateOfGame</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>gameField</i>	

Properties

DateOfGame

Declaration

```
public DateTime DateOfGame { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

GameField

Declaration

```
public string GameField { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IdAwayRaw

Declaration

```
public string IdAwayRaw { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IdHomeRaw

Declaration

```
public string IdHomeRaw { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NameAway

Declaration

```
public string NameAway { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NameHome

Declaration

```
public string NameHome { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

NumberMatch

Declaration

```
public string NumberMatch { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Class HubForReendering

Hub responsible for real-time updates across clients when match or referee data changes.

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ Hub (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub>)
 - ↳ HubForReendering

Implements

IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Inherited Members

- Hub.OnConnectedAsync() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.onconnectedasync>)
- Hub.OnDisconnectedAsync(Exception) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.ondisconnectedasync>)
- Hub.Dispose(bool) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.dispose#microsoft-aspnetcore-signalr-hub-dispose\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.dispose#microsoft-aspnetcore-signalr-hub-dispose(system-boolean)))
- Hub.Dispose() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.dispose#microsoft-aspnetcore-signalr-hub-dispose>)
- Hub.Clients (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.clients>)
- Hub.Context (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.context>)
- Hub.Groups (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.signalr.hub.groups>)
- object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
- object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
- object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
- object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
- object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
- object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
- object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Hubs (AdminPart.Hubs.html)

Assembly: AdminPart.dll

Syntax

```
public class HubForReendering : Hub, IDisposable
```

Methods

AnnounceChangeMatchAdd(string, int, string, int, string, DateTime)

Notifies all clients when a referee is added to a match.

Declaration

```
public Task AnnounceChangeMatchAdd(string matchId, int refereeId, string RefereeName, int role, string user, DateTime timestamp)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The unique identifier of the match.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereId</i>	The unique identifier of the referee being added.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>RefereeName</i>	The name of the referee being added.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>role</i>	The role assigned to the referee in this match.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who made the changes.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>timestamp</i>	When the user made the changes.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task)	A task that represents the asynchronous operation.

Remarks

Change specified match graphically , add button with referee name , change the last change to user and time of the change.

AnnounceChangeMatchRemove(string, int, string, DateTime)

Notifies all clients when a referee is removed from a match.

Declaration

```
public Task AnnounceChangeMatchRemove(string matchId, int refereeId, string user, DateTime timestamp)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The unique identifier of the match.
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeId</i>	The unique identifier of the referee being removed.
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who made the changes.
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>timestamp</i>	When the user made the changes.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task)	A task that represents the asynchronous operation.

Remarks

Change specified match graphically , remove button from match pane, change the last change to user and time of the change.

AnnounceChangeReferee(int, RefereeWithTimeOptions)

Notifies all clients when referee data has been updated.

Declaration

```
public Task AnnounceChangeReferee(int refereeId, RefereeWithTimeOptions refereeDataToRender)
```

Parameters

Type	Name	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeId</i>	The unique identifier of the updated referee.
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>refereeDataToRender</i>	The updated referee data including availability information.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task)	A task that represents the asynchronous operation.

AnnounceMatchLockUpdate(string, bool, string, DateTime)

Notifies all clients when the lock status of a match has changed.

Declaration

```
public Task AnnounceMatchLockUpdate(string matchId, bool isLockedNow, string user, DateTime timestamp)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	The unique identifier of the match.
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>isLockedNow</i>	The new lock status of the match (true if locked, false if unlocked).
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	The user who made the changes.

DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>timestamp</i>	When the user made the changes.
---	------------------	---------------------------------

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task)	A task that represents the asynchronous operation.

Implements

IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

Namespace AdminPart.Hubs

Classes

HubForReendering (AdminPart.Hubs.HubForReendering.html)

Hub responsible for real-time updates across clients when match or referee data changes.

Class AdminDbContext

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)

- ↳ [DbContext](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext>)
 - ↳ [AdminDbContext](#)

Implements

[IInfrastructure](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iinfrastructure-1) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iinfrastructure-1>) <[IServiceProvider](https://learn.microsoft.com/dotnet/api/system.iserviceprovider) (<https://learn.microsoft.com/dotnet/api/system.iserviceprovider>)>

[IDbContextDependencies](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextdependencies) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextdependencies>)

[IDbSetCache](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbsetcache) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbsetcache>)

[IDbContextPoolable](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextpoolable) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextpoolable>)

[IResettableService](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iresettableservice) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iresettableservice>)

[IDisposable](https://learn.microsoft.com/dotnet/api/system.idisposable) (<https://learn.microsoft.com/dotnet/api/system.idisposable>)

[IAsyncDisposable](https://learn.microsoft.com/dotnet/api/system.iasyncdisposable) (<https://learn.microsoft.com/dotnet/api/system.iasyncdisposable>)

Inherited Members

[DbContext.Set<TEntity>\(\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1>)

[DbContext.Set<TEntity>\(string\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1(system-string)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1(system-string)))

[DbContext.OnConfiguring\(DbContextOptionsBuilder\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.onconfiguring) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.onconfiguring>)

[DbContext.ConfigureConventions\(ModelConfigurationBuilder\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.configureconventions) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.configureconventions>)

[DbContext.SaveChanges\(\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges>)

[DbContext.SaveChanges\(bool\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges(system-boolean)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges(system-boolean)))

[DbContext.SaveChangesAsync\(CancellationToken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync(system-threading-cancellationtoken)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync\(system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync(system-threading-cancellationtoken)))

[DbContext.SaveChangesAsync\(bool, CancellationToken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync(system-boolean-system-threading-cancellationtoken)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync\(system-boolean-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync(system-boolean-system-threading-cancellationtoken)))

[DbContext.Dispose\(\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.dispose) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.dispose>)

[DbContext.DisposeAsync\(\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.disposeasync) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.disposeasync>)

[DbContext.Entry<TEntity>\(TEntity\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry-1(-0)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry-1(-0)))

[DbContext.Entry\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry(system-object)))

[DbContext.Add<TEntity>\(TEntity\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add-1(-0)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add-1(-0)))

[DbContext.AddAsync<TEntity>\(TEntity, CancellationToken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync-1(-0-system-threading-cancellationtoken)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync-1\(-0-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync-1(-0-system-threading-cancellationtoken)))

[DbContext.Attach<TEntity>\(TEntity\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach-1(-0)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach-1(-0)))

[DbContext.Update<TEntity>\(TEntity\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update-1(-0)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update-1(-0)))

[DbContext.Remove<TEntity>\(TEntity\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove-1(-0)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove-1(-0)))

[DbContext.Add\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add(system-object)))

[DbContext.AddAsync\(object, CancellationToken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync(system-object-system-threading-cancellationtoken)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync\(system-object-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync(system-object-system-threading-cancellationtoken)))

[DbContext.Attach\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach(system-object)))

[DbContext.Update\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update(system-object)))

[DbContext.Remove\(object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove(system-object)) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove(system-object)))

[DbContext.AddRange\(params object\[\]\)](#)

[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange(system-object()))
 DbContext.AddRangeAsync(params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync(system-object()))
 DbContext.AttachRange(params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange(system-object()))
 DbContext.UpdateRange(params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange(system-object()))
 DbContext.RemoveRange(params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverrange#microsoft-entityframeworkcore-dbcontext-removeoverrange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverrange#microsoft-entityframeworkcore-dbcontext-removeoverrange(system-object()))
 DbContext.AddRange(IEnumerable<object>)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange(system-collections-generic-ienumerable((system-object))))
 DbContext.AddRangeAsync(IEnumerable<object>, CancellationToken)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync\(system-collections-generic-ienumerable\(\(system-object\)\)-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync(system-collections-generic-ienumerable((system-object))-system-threading-cancellationtoken))
 DbContext.AttachRange(IEnumerable<object>)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange(system-collections-generic-ienumerable((system-object))))
 DbContext.UpdateRange(IEnumerable<object>)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange(system-collections-generic-ienumerable((system-object))))
 DbContext.RemoveRange(IEnumerable<object>)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverrange#microsoft-entityframeworkcore-dbcontext-removeoverrange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverrange#microsoft-entityframeworkcore-dbcontext-removeoverrange(system-collections-generic-ienumerable((system-object))))
 DbContext.Find(Type, params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find\(system-type-system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find(system-type-system-object()))
 DbContext.FindAsync(Type, params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync\(system-type-system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync(system-type-system-object()))
 DbContext.FindAsync(Type, object[], CancellationToken)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync\(system-type-system-object\(\)-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync(system-type-system-object()-system-threading-cancellationtoken))
 DbContext.Find<TEntity>(params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find-1\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find-1(system-object()))
 DbContext.FindAsync<TEntity>(params object[])
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1(system-object()))
 DbContext.FindAsync<TEntity>(object[], CancellationToken)
[https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1\(system-object\(\)-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1(system-object()-system-threading-cancellationtoken))
 DbContext.FromExpression<TResult>(Expression<Func<IQueryable<TResult>>>)
<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.fromexpression>
 DbContext.Database (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.database>)
 DbContext.ChangeTracker (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.changetracker>)
 DbContext.Model (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.model>)
 DbContext.ContextId (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.contextid>)
 DbContext.SavingChanges (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savingchanges>)
 DbContext.SavedChanges (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savedchanges>)
 DbContext.SaveChangesFailed (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesfailed>)
 object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
 object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
 object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
 object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
 object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
 object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
 object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class AdminDbContext : DbContext, IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable
```

Constructors

AdminDbContext()

Declaration

```
public AdminDbContext()
```

AdminDbContext(DbContextOptions<AdminDbContext>)

Declaration

```
public AdminDbContext(DbContextOptions<AdminDbContext> options)
```

Parameters

Type	Name	Description
DbContextOptions (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontextoptions-1)<AdminDbContext (AdminPart.Models.AdminDbContext.html)>	<i>options</i>	

Properties

Competitions

Declaration

```
public virtual DbSet<Competition> Competitions { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)<Competition (AdminPart.Models.Competition.html)>	

Fields

Declaration

```
public virtual DbSet<Field> Fields { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)<Field (AdminPart.Models.Field.html)>	

FilesPreviousDelegations

Declaration

```
public virtual DbSet<FilesPreviousDelegation> FilesPreviousDelegations { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)<FilesPreviousDelegation (AdminPart.Models.FilesPreviousDelegation.html)>	

Matches

Declaration

```
public virtual DbSet<Match> Matches { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)< Match (AdminPart.Models.Match.html)>	

StartingGameDates

Declaration

```
public virtual DbSet<StartingGameDate> StartingGameDates { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)< StartingGameDate (AdminPart.Models.StartingGameDate.html)>	

Teams

Declaration

```
public virtual DbSet<Team> Teams { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)< Team (AdminPart.Models.Team.html)>	

Transfers

Declaration

```
public virtual DbSet<Transfer> Transfers { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)< Transfer (AdminPart.Models.Transfer.html)>	

Veto

Declaration

```
public virtual DbSet<Veto> Vetoes { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)< Veto (AdminPart.Models.Veto.html)>	

Methods

OnModelCreating(ModelBuilder)

Override this method to further configure the model that was discovered by convention from the entity types exposed in `DbSet<TEntity>` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1>) properties on your derived context. The resulting model may be cached and re-used for subsequent instances of your derived context.

Declaration

```
protected override void OnModelCreating(ModelBuilder modelBuilder)
```

Parameters

Type	Name	Description
ModelBuilder (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.modelbuilder)	<i>modelBuilder</i>	The builder being used to construct the model for this context. Databases (and other extensions) typically define extension methods on this object that allow you to configure aspects of the model that are specific to a given database.

Overrides

`DbContext.OnModelCreating(ModelBuilder)`
(<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.onmodelcreating>)

Remarks

If a model is explicitly set on the options for this context (via `UseModel(IModel)` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontextoptionsbuilder.usemodel>)) then this method will not be run. However, it will still run when creating a compiled model.

See Modeling entity types and relationships (<https://aka.ms/efcore-docs-modeling>) for more information and examples.

Implements

- `IInfrastructure<T>` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iinfrastructure-1>)
- `IDbContextDependencies` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextdependencies>)
- `IDbSetCache` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbsetcache>)
- `IDbContextPoolable` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextpoolable>)
- `IResettableService` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iresettableservice>)
- `IDisposable` (<https://learn.microsoft.com/dotnet/api/system.idisposable>)
- `IAsyncDisposable` (<https://learn.microsoft.com/dotnet/api/system.iasyncdisposable>)

Class Competition

Inheritance

↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
↳ Competition

Inherited Members

[object.Equals\(object\) \(https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
[object.Equals\(object, object\) \(https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
[object.GetHashCode\(\) \(https://learn.microsoft.com/dotnet/api/system.object.gethashcode\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
[object.GetType\(\) \(https://learn.microsoft.com/dotnet/api/system.object.gettype\)](https://learn.microsoft.com/dotnet/api/system.object.gettype)
[object.MemberwiseClone\(\) \(https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
[object.ReferenceEquals\(object, object\) \(https://learn.microsoft.com/dotnet/api/system.object.referenceequals\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
[object.ToString\(\) \(https://learn.microsoft.com/dotnet/api/system.object.tostring\)](https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: [AdminPart \(AdminPart.html\)](#).[Models \(AdminPart.Models.html\)](#)

Assembly: [AdminPart.dll](#)

Syntax

```
public class Competition
```

Properties

CompetitionId

Declaration

```
public string CompetitionId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

CompetitionName

Declaration

```
public string CompetitionName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

League

Declaration

```
public int League { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

MatchLength

Declaration


```
public int MatchLength { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Matches

Declaration

```
[JsonIgnore]  
public virtual ICollection<Match> Matches { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.ICollection-1)<Match> (AdminPart.Models.Match.html)>	

Veto

Declaration

```
[JsonIgnore]  
public virtual ICollection<Veto> Vetoes { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.ICollection-1)<Veto> (AdminPart.Models.Veto.html)>	

Class ErrorViewModel

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [ErrorViewModel](#)

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[Models](#) ([AdminPart.Models.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class ErrorViewModel
```

Properties

RequestId

Declaration

```
public string? RequestId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

ShowRequestId

Declaration

```
public bool ShowRequestId { get; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Class Excuse

Inheritance

- ↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
 - ↳ Excuse

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class Excuse
```

Properties

DateFrom

Declaration

```
public DateOnly DateFrom { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

DateTo

Declaration

```
public DateOnly DateTo { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

DatetimeAdded

Declaration

```
public DateTime DatetimeAdded { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

ExcuseId

Declaration

```
public int ExcuseId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Note

Declaration

```
public string? Note { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Reason

Declaration

```
public string? Reason { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Referee

Declaration

```
[JsonIgnore]  
public virtual Referee Referee { get; set; }
```

Property Value

Type	Description
Referee (AdminPart.Models.Referee.html)	

RefereeId

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

TimeFrom

Declaration

```
public TimeOnly TimeFrom { get; set; }
```

Property Value

Type	Description
TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	

TimeTo

Declaration

```
public TimeOnly TimeTo { get; set; }
```

Property Value

Type	Description
TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	

Class Field

Inheritance

↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
↳ [Field](#)

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (https://learn.microsoft.com/dotnet/api/system.object.gettype)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: [AdminPart \(AdminPart.html\)](#).[Models \(AdminPart.Models.html\)](#)

Assembly: [AdminPart.dll](#)

Syntax

```
public class Field
```

Constructors

Field(string)

Declaration

```
public Field(string fieldName)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>fieldName</i>	

Properties

FieldAddress

Declaration

```
public string? FieldAddress { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FieldId

Declaration

```
public int FieldId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

FieldName

Declaration

```
public string FieldName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Latitude

Declaration

```
public float Latitude { get; set; }
```

Property Value

Type	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	

Longitude

Declaration

```
public float Longitude { get; set; }
```

Property Value

Type	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	

Matches

Declaration

```
[JsonIgnore]  
public virtual ICollection<Match> Matches { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.icollection-1)<Match (AdminPart.Models.Match.html)>	

Class FilesPreviousDelegation

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (https://learn.microsoft.com/dotnet/api/system.object)
↳ FilesPreviousDelegation

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (https://learn.microsoft.com/dotnet/api/system.object.gettype)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class FilesPreviousDelegation
```

Properties

AmountOfMatches

Declaration

```
public int AmountOfMatches { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

DelegationsFrom

Declaration

```
public DateOnly DelegationsFrom { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

DelegationsTo

Declaration

```
public DateOnly DelegationsTo { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

FileId

Declaration


```
public int FileId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

FileName

Declaration

```
public string FileName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FileUploadedBy

Declaration

```
public int FileUploadedBy { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

FileUploadedDatetime

Declaration

```
public DateTime FileUploadedDatetime { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

Class Match

Inheritance

↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
↳ Match

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class Match
```

Properties

AlreadyPlayed

Declaration

```
public bool AlreadyPlayed { get; set; }
```

Property Value

Type	Description
<code>bool</code> (https://learn.microsoft.com/dotnet/api/system.boolean)	

Ar1Id

Declaration

```
public int? Ar1Id { get; set; }
```

Property Value

Type	Description
<code>int</code> (https://learn.microsoft.com/dotnet/api/system.int32)?	

Ar2Id

Declaration

```
public int? Ar2Id { get; set; }
```

Property Value

Type	Description
<code>int</code> (https://learn.microsoft.com/dotnet/api/system.int32)?	

AwayTeamId

Declaration

```
public string AwayTeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Competition

Declaration

```
public virtual Competition Competition { get; set; }
```

Property Value

Type	Description
Competition (AdminPart.Models.Competition.html)	

CompetitionId

Declaration

```
public string CompetitionId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Field

Declaration

```
public virtual Field Field { get; set; }
```

Property Value

Type	Description
Field (AdminPart.Models.Field.html)	

FieldId

Declaration

```
public int FieldId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

HomeTeamId

Declaration

```
public string HomeTeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

LastChanged

Declaration

```
public DateTime LastChanged { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

LastChangedBy

Declaration

```
public string LastChangedBy { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Locked

Declaration

```
public bool Locked { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

MatchDate

Declaration

```
public DateOnly MatchDate { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

MatchId

Declaration

```
public string MatchId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

MatchTime

Declaration

```
public TimeOnly MatchTime { get; set; }
```

Property Value

Type	Description

TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	
--	--

Note

Declaration

```
public string? Note { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

PostMatch

Declaration

```
public string? PostMatch { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

PreMatch

Declaration

```
public string? PreMatch { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

RefereeId

Declaration

```
public int? RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)?	

Teams

Declaration

```
[JsonIgnore]  
public virtual ICollection<Team> Teams { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.icollection-1)<Team (AdminPart.Models.Team.html)>	

Namespace AdminPart.Models

Classes

AdminDbContext ([AdminPart.Models.AdminDbContext.html](#))

Competition ([AdminPart.Models.Competition.html](#))

ErrorViewModel ([AdminPart.Models.ErrorViewModel.html](#))

Excuse ([AdminPart.Models.Excuse.html](#))

Field ([AdminPart.Models.Field.html](#))

FilesPreviousDelegation ([AdminPart.Models.FilesPreviousDelegation.html](#))

Match ([AdminPart.Models.Match.html](#))

Referee ([AdminPart.Models.Referee.html](#))

RefereeDbContext ([AdminPart.Models.RefereeDbContext.html](#))

StartingGameDate ([AdminPart.Models.StartingGameDate.html](#))

Team ([AdminPart.Models.Team.html](#))

Transfer ([AdminPart.Models.Transfer.html](#))

VehicleSlot ([AdminPart.Models.VehicleSlot.html](#))

Veto ([AdminPart.Models.Veto.html](#))

Class RefereeDbContext

Inheritance

↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ DbContext (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext>)
↳ RefereeDbContext

Implements

IInfrastructure (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iinfrastructure-1>) <IServiceProvider (<https://learn.microsoft.com/dotnet/api/system.iserviceprovider>)>
IDbContextDependencies (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextdependencies>)
IDbSetCache (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbsetcache>)
IDbContextPoolable (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextpoolable>)
IResettableService (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iresettableservice>)
IDisposable (<https://learn.microsoft.com/dotnet/api/system.idisposable>)
IAsyncDisposable (<https://learn.microsoft.com/dotnet/api/system.iasyncdisposable>)

Inherited Members

DbContext.Set<TEntity>() (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1>)
DbContext.Set<TEntity>(string) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.set#microsoft-entityframeworkcore-dbcontext-set-1(system-string)))
DbContext.OnConfiguring(DbContextOptionsBuilder) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.onconfiguring>)
DbContext.ConfigureConventions(ModelConfigurationBuilder) (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.configureconventions>)
DbContext.SaveChanges() (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges>)
DbContext.SaveChanges(bool) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges\(system-boolean\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechanges#microsoft-entityframeworkcore-dbcontext-savechanges(system-boolean)))
DbContext.SaveChangesAsync(CancellationToken) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync\(system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync(system-threading-cancellationtoken)))
DbContext.SaveChangesAsync(bool, CancellationToken) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync\(system-boolean-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesasync#microsoft-entityframeworkcore-dbcontext-savechangesasync(system-boolean-system-threading-cancellationtoken)))
DbContext.Dispose() (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.dispose>)
DbContext.DisposeAsync() (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.disposeasync>)
DbContext.Entry<TEntity>(TEntity) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry-1(-0)))
DbContext.Entry(object) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.entry#microsoft-entityframeworkcore-dbcontext-entry(system-object)))
DbContext.Add<TEntity>(TEntity) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add-1(-0)))
DbContext.AddAsync<TEntity>(TEntity, CancellationToken) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync-1\(-0-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync-1(-0-system-threading-cancellationtoken)))
DbContext.Attach<TEntity>(TEntity) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach-1(-0)))
DbContext.Update<TEntity>(TEntity) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update-1(-0)))
DbContext.Remove<TEntity>(TEntity) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove-1(-0)))
DbContext.Add(object) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.add#microsoft-entityframeworkcore-dbcontext-add(system-object)))
DbContext.AddAsync(object, CancellationToken) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync\(system-object-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addasync#microsoft-entityframeworkcore-dbcontext-addasync(system-object-system-threading-cancellationtoken)))
DbContext.Attach(object) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attach#microsoft-entityframeworkcore-dbcontext-attach(system-object)))
DbContext.Update(object) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.update#microsoft-entityframeworkcore-dbcontext-update(system-object)))
DbContext.Remove(object) ([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.remove#microsoft-entityframeworkcore-dbcontext-remove(system-object)))
DbContext.AddRange(params object[])

([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange(system-object())))
DbContext.AddRangeAsync(params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync(system-object())))
DbContext.AttachRange(params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange(system-object())))
DbContext.UpdateRange(params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange(system-object())))
DbContext.RemoveRange(params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverange#microsoft-entityframeworkcore-dbcontext-removeoverange\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverange#microsoft-entityframeworkcore-dbcontext-removeoverange(system-object())))
DbContext.AddRange(IEnumerable<object>)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrange#microsoft-entityframeworkcore-dbcontext-addrange(system-collections-generic-ienumerable((system-object)))))
DbContext.AddRangeAsync(IEnumerable<object>, CancellationToken)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync\(system-collections-generic-ienumerable\(\(system-object\)\)-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.addrangeasync#microsoft-entityframeworkcore-dbcontext-addrangeasync(system-collections-generic-ienumerable((system-object))-system-threading-cancellationtoken)))
DbContext.AttachRange(IEnumerable<object>)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.attachrange#microsoft-entityframeworkcore-dbcontext-attachrange(system-collections-generic-ienumerable((system-object)))))
DbContext.UpdateRange(IEnumerable<object>)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.updaterange#microsoft-entityframeworkcore-dbcontext-updaterange(system-collections-generic-ienumerable((system-object)))))
DbContext.RemoveRange(IEnumerable<object>)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverange#microsoft-entityframeworkcore-dbcontext-removeoverange\(system-collections-generic-ienumerable\(\(system-object\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.removeoverange#microsoft-entityframeworkcore-dbcontext-removeoverange(system-collections-generic-ienumerable((system-object)))))
DbContext.Find(Type, params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find\(system-type-system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find(system-type-system-object())))
DbContext.FindAsync(Type, params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync\(system-type-system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync(system-type-system-object())))
DbContext.FindAsync(Type, object[], CancellationToken)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync\(system-type-system-object\(\)-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync(system-type-system-object()-system-threading-cancellationtoken)))
DbContext.Find<TEntity>(params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find-1\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.find#microsoft-entityframeworkcore-dbcontext-find-1(system-object())))
DbContext.FindAsync<TEntity>(params object[])
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1\(system-object\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1(system-object())))
DbContext.FindAsync<TEntity>(object[], CancellationToken)
([https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1\(system-object\(\)-system-threading-cancellationtoken\)](https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.findasync#microsoft-entityframeworkcore-dbcontext-findasync-1(system-object()-system-threading-cancellationtoken)))
DbContext.FromExpression<TResult>(Expression<Func<IQueryable<TResult>>>)
(<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.fromexpression>)
DbContext.Database (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.database>)
DbContext.ChangeTracker (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.changetracker>)
DbContext.Model (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.model>)
DbContext.ContextId (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.contextid>)
DbContext.SavingChanges (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savingchanges>)
DbContext.SavedChanges (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savedchanges>)
DbContext.SaveChangesFailed (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.savechangesfailed>)
object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax


```
public class RefereeDbContext : DbContext, IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable
```

Constructors

RefereeDbContext()

Declaration

```
public RefereeDbContext()
```

RefereeDbContext(DbContextOptions<RefereeDbContext>)

Declaration

```
public RefereeDbContext(DbContextOptions<RefereeDbContext> options)
```

Parameters

Type	Name	Description
DbContextOptions (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontextoptions-1)<RefereeDbContext (AdminPart.Models.RefereeDbContext.html)>	<i>options</i>	

Properties

Excuses

Declaration

```
public virtual DbSet<Excuse> Excuses { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)<Excuse (AdminPart.Models.Excuse.html)>	

Referees

Declaration

```
public virtual DbSet<Referee> Referees { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)<Referee (AdminPart.Models.Referee.html)>	

VehicleSlots

Declaration

```
public virtual DbSet<VehicleSlot> VehicleSlots { get; set; }
```

Property Value

Type	Description
DbSet (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1)<VehicleSlot (AdminPart.Models.VehicleSlot.html)>	

Methods

OnModelCreating(ModelBuilder)

Override this method to further configure the model that was discovered by convention from the entity types exposed in `DbSet<TEntity>` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbset-1>) properties on your derived context. The resulting model may be cached and re-used for subsequent instances of your derived context.

Declaration

```
protected override void OnModelCreating(ModelBuilder modelBuilder)
```

Parameters

Type	Name	Description
ModelBuilder (https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.modelbuilder)	<i>modelBuilder</i>	The builder being used to construct the model for this context. Databases (and other extensions) typically define extension methods on this object that allow you to configure aspects of the model that are specific to a given database.

Overrides

```
DbContext.OnModelCreating(ModelBuilder)  
(https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontext.onmodelcreating)
```

Remarks

If a model is explicitly set on the options for this context (via `UseModel(IModel)` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.dbcontextoptionsbuilder.usemodel>)) then this method will not be run. However, it will still run when creating a compiled model.

See [Modeling entity types and relationships \(https://aka.ms/efcore-docs-modeling\)](https://aka.ms/efcore-docs-modeling) for more information and examples.

Implements

- `IInfrastructure<T>` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iinfrastructure-1>)
- `IDbContextDependencies` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextdependencies>)
- `IDbSetCache` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbsetcache>)
- `IDbContextPoolable` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.internal.idbcontextpoolable>)
- `IResettableService` (<https://learn.microsoft.com/dotnet/api/microsoft.entityframeworkcore.infrastructure.iresettableservice>)
- `IDisposable` (<https://learn.microsoft.com/dotnet/api/system.idisposable>)
- `IAsyncDisposable` (<https://learn.microsoft.com/dotnet/api/system.iasyncdisposable>)

Class Referee

Inheritance

↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
↳ Referee

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class Referee
```

Properties

ActuallPragueZone

Declaration

```
public string? ActuallPragueZone { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Age

Declaration

```
public int Age { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

CarAvailability

Declaration

```
public bool CarAvailability { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Email

Declaration

```
public string Email { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Excuses

Declaration

```
public virtual ICollection<Excuse> Excuses { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.icolLECTION-1)<Excuse (AdminPart.Models.Excuse.html)>	

FacrId

Declaration

```
public string? FacrId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

League

Declaration

```
public int League { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Name

Declaration

```
public string Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Note

Declaration

```
public string? Note { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Ofs

Declaration

```
public bool Ofs { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

PragueZone

Declaration

```
public string PragueZone { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Refereeld

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Surname

Declaration

```
public string Surname { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

TimestampChange

Declaration

```
public DateTime TimestampChange { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

UserId

Declaration

```
public string? UserId { get; set; }
```

Property Value

Type	Description

string (https://learn.microsoft.com/dotnet/api/system.string)	
--	--

VehicleSlots

Declaration

```
public virtual ICollection<VehicleSlot> VehicleSlots { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.ICollection-1)<VehicleSlot (AdminPart.Models.VehicleSlot.html)>	

Class StartingGameDate

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ StartingGameDate

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class StartingGameDate
```

Properties

GameDate

Declaration

```
public DateOnly GameDate { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

GameDateId

Declaration

```
public int GameDateId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Class Team

Inheritance

↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
↳ Team

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class Team
```

Properties

Matches

Declaration

```
[JsonIgnore]  
public virtual ICollection<Match> Matches { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.ICollection-1)<Match (AdminPart.Models.Match.html)>	

Name

Declaration

```
public string Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

TeamId

Declaration

```
public string TeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Vetoos

Declaration


```
[JsonIgnore]
public virtual ICollection<Veto> Vetoes { get; set; }
```

Property Value

Type	Description
ICollection (https://learn.microsoft.com/dotnet/api/system.collections.generic.ICollection-1)<Veto (AdminPart.Models.Veto.html)>	

Class Transfer

Inheritance

↳ [object \(https://learn.microsoft.com/dotnet/api/system.object\)](https://learn.microsoft.com/dotnet/api/system.object)
↳ Transfer

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class Transfer
```

Properties

Car

Declaration

```
public bool Car { get; set; }
```

Property Value

Type	Description
<code>bool</code> (https://learn.microsoft.com/dotnet/api/system.boolean)	

ExpectedArrival

Declaration

```
public DateTime ExpectedArrival { get; set; }
```

Property Value

Type	Description
<code>DateTime</code> (https://learn.microsoft.com/dotnet/api/system.datetime)	

ExpectedDeparture

Declaration

```
public DateTime ExpectedDeparture { get; set; }
```

Property Value

Type	Description
<code>DateTime</code> (https://learn.microsoft.com/dotnet/api/system.datetime)	

FromHome

Declaration

```
public bool FromHome { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

FutureMatchId

Declaration

```
public string? FutureMatchId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

PreviousMatchId

Declaration

```
public string? PreviousMatchId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

RefereeId

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

TransferId

Declaration

```
public int TransferId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Class VehicleSlot

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ VehicleSlot

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class VehicleSlot
```

Properties

DateFrom

Declaration

```
public DateOnly DateFrom { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

DateTo

Declaration

```
public DateOnly DateTo { get; set; }
```

Property Value

Type	Description
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	

DatetimeAdded

Declaration

```
public DateTime DatetimeAdded { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

HasCarInTheSlot

Declaration

```
public bool? HasCarInTheSlot { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)?	

Referee

Declaration

```
[JsonIgnore]  
public virtual Referee Referee { get; set; }
```

Property Value

Type	Description
Referee (AdminPart.Models.Referee.html)	

RefereeId

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

SlotId

Declaration

```
public int SlotId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

TimeFrom

Declaration

```
public TimeOnly TimeFrom { get; set; }
```

Property Value

Type	Description
TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	

TimeTo

Declaration

```
public TimeOnly TimeTo { get; set; }
```

Property Value

Type	Description
TimeOnly (https://learn.microsoft.com/dotnet/api/system.timeonly)	

Class Veto

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (https://learn.microsoft.com/dotnet/api/system.object)
↳ Veto

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (https://learn.microsoft.com/dotnet/api/system.object.gettype)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Models (AdminPart.Models.html)

Assembly: AdminPart.dll

Syntax

```
public class Veto
```

Properties

Competition

Declaration

```
public virtual Competition Competition { get; set; }
```

Property Value

Type	Description
Competition (AdminPart.Models.Competition.html)	

CompetitionId

Declaration

```
public string CompetitionId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Note

Declaration

```
public string? Note { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Refereeld

Declaration

```
public int RefereeId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Team

Declaration

```
public virtual Team Team { get; set; }
```

Property Value

Type	Description
Team (AdminPart.Models.Team.html)	

TeamId

Declaration

```
public string TeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Vetold

Declaration

```
public int VetoId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Class AdminService

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ AdminService

Implements

IAdminService ([AdminPart.Services.AdminServices.IAdminService.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).Services ([AdminPart.Services.html](#)).AdminServices ([AdminPart.Services.AdminServices.html](#))

Assembly: AdminPart.dll

Syntax

```
public class AdminService : IAdminService
```

Constructors

AdminService(IAdminRepo, ILogger<AdminService>)

Declaration

```
public AdminService(IAdminRepo adminRepo, ILogger<AdminService> logger)
```

Parameters

Type	Name	Description
IAdminRepo (AdminPart.Data.IAdminRepo.html)	<i>adminRepo</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<AdminService (AdminPart.Services.AdminServices.AdminService.html)>	<i>logger</i>	

Methods

GetPercentageOfDelegatedMatches(List<MatchViewModel>)

Calculates the percentage of matches that have been delegated with at least one referee.

Declaration

```
public int GetPercentageOfDelegatedMatches(List<MatchViewModel> matches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The list of matches to evaluate.

Returns

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	The percentage of delegated matches as an integer (0-100).

Remarks

Every time it is showing only the matches who will be played in the future.

GetRefereeMatchStatsAsync(RefereesTeamsMatchesRequestDto)

Retrieves and compiles statistics about referees' involvement with a specific team's matches.

Declaration

```
public Task<ServiceResult<List<RefereesTeamsMatchesResponseDto>>> GetRefereeMatchStatsAsync(RefereesTeamsMatchesRequestDto request)
```

Parameters

Type	Name	Description
RefereesTeamsMatchesRequestDto (AdminPart.DTOs.RefereesTeamsMatchesRequestDto.html)	request	A DTO containing filtering parameters including: <ul style="list-style-type: none">TeamId: The ID of the team to analyzeCompetitionId: The ID of the competition to analyzeRefereelds: Collection of referee IDs to include in the analysisIsReferee: Flag indicating whether to consider main referee (true) or assistant referee (false) assignments

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesTeamsMatchesResponseDto (AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html)>>>	A ServiceResult containing either: <ul style="list-style-type: none">A success result with a list of RefereesTeamsMatchesResponseDto objects containing statistics, orA failure result with an error message if processing failed

Remarks

This asynchronous method analyzes the history of referee delegation for a specific team by:

1. Calculating statistics based on whether the official was delegated as referee or assistant refereei
2. Counting home and away matches for each referee
3. Checking for any existing veto records between the team and referee

For vetoed referees, the method returns predefined values (6 for both home and away counts).

MakeConnectionsOfMatches(List<MatchViewModel>)

Establishes sequential connections between matches scheduled on the same field.

Declaration

```
public ServiceResult<List<MatchViewModel>> MakeConnectionsOfMatches(List<MatchViewModel> matches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	matches	A list of MatchViewModel objects to be processed and connected

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>	A ServiceResult containing either: <ul style="list-style-type: none">A success result with the processed list of matches including connection information, orA failure result with an error message if processing failed

Remarks

This method creates a linked structure between consecutive matches by:

1. Sorting matches by field and start time
2. Analyzing each pair of consecutive matches on the same field
3. Calculating the expected end time of each match based on competition rules

4. Establishing bi-directional links (PreMatch/PostMatch) between matches when:
 - They occur on the same field
 - The second match starts within an acceptable time window after the first ends (in the time slot from match end + reserveBetweenMatches to match end + reserveToSecondMatch)

The time window for valid connections is controlled by the class fields:

- reserveBetweenMatches: Minimum minutes required between matches (30)
- reserveToSecondMatch: Maximum minutes allowed between matches (75)

ProccessDtosToMatches(List<UnfilledMatchDto>, string)

Transforms a collection of unfilled match DTOs into fully-populated Match domain models.

Declaration

```
public ServiceResult<List<Match>> ProccessDtosToMatches(List<UnfilledMatchDto> listOfMatches, string user)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<UnfilledMatchDto (AdminPart.DTOs.UnfilledMatchDto.html)>	<i>listOfMatches</i>	A collection of UnfilledMatchDto objects containing raw match data(most ids)
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>>	A ServiceResult containing either: <ul style="list-style-type: none">• A success result with a list of fully-populated Match objects, or• A failure result with an error message if processing failed

Remarks

This method processes each UnfilledMatchDto by:

1. Extracting and validating the competition code from the match number
2. Retrieving the appropriate competition record
3. Retrieving or creating the field record
4. Validating and retrieving or creating team records for both home and away teams
5. Converting match date and time information from the DTO
6. Creating a timestamp using Central European Standard Time
7. Assembling all components into a complete Match entity

SortByAwayTeam(bool, IEnumerable<MatchViewModel>)

Sorts matches by the away team name.

Declaration

```
public List<MatchViewModel> SortByAwayTeam(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by away team.

SortByCategory(bool, IEnumerable<MatchViewModel>)

Sorts matches by category (e.g., league or division).

Declaration

```
public List<MatchViewModel> SortByCategory(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by category.

SortByField(bool, IEnumerable<MatchViewModel>)

Sorts matches by their assigned field.

Declaration

```
public List<MatchViewModel> SortByField(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by field.

SortByGameTime(bool, IEnumerable<MatchViewModel>)

Sorts matches by their scheduled game time.

Declaration

```
public List<MatchViewModel> SortByGameTime(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<	

MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by game time.
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SortByHomeTeam(bool, IEnumerable<MatchViewModel>)

Sorts matches by the home team name.

Declaration

```
public List<MatchViewModel> SortByHomeTeam(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by home team.

SortByUndelegatedMatches(IEnumerable<MatchViewModel>)

Filters and returns a list of matches that have not yet been delegated to referees.

Declaration

```
public List<MatchViewModel> SortByUndelegatedMatches(IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to filter.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A list of undelegated MatchViewModel items.

SortBy<TKey>(IEnumerable<MatchViewModel>, Func<MatchViewModel, TKey>, bool)

Sorts matches using a provided selector function and sort direction.

Declaration

```
public List<MatchViewModel> SortBy<TKey>(IEnumerable<MatchViewModel> matches, Func<MatchViewModel, TKey> selector, bool asc)
```

Parameters

Type	Name	Description
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.
Func (https://learn.microsoft.com/dotnet/api/system.func-2)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html), TKey>	<i>selector</i>	A function to select the key for sorting.
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	Indicates whether the sorting should be ascending (true) or descending (false).

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items.

Type Parameters

Name	Description
<i>TKey</i>	The type of the key to sort by.

SortMatches(string, IEnumerable<MatchViewModel>)

Sorts the given matches based on the specified sort key.

Declaration

```
public ServiceResult<List<MatchViewModel>> SortMatches(string sortKey, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>sortKey</i>	The key indicating which property to sort by (e.g., "Field", "Time").
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1) <MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>	A ServiceResult containing a sorted list of MatchViewModel items.

Implements

IAdminService (AdminPart.Services.AdminServices.IAdminService.html)

Interface IAdminService

Namespace: AdminPart (AdminPart.html).Services (AdminPart.Services.html).AdminServices (AdminPart.Services.AdminServices.html)

Assembly: AdminPart.dll

Syntax

```
public interface IAdminService
```

Methods

GetPercentageOfDelegatedMatches(List<MatchViewModel>)

Calculates the percentage of matches that have been delegated with at least one referee.

Declaration

```
int GetPercentageOfDelegatedMatches(List<MatchViewModel> matches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The list of matches to evaluate.

Returns

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	The percentage of delegated matches as an integer (0-100).

Remarks

Every time it is showing only the matches who will be played in the future.

GetRefereeMatchStatsAsync(RefereesTeamsMatchesRequestDto)

Retrieves and compiles statistics about referees' involvement with a specific team's matches.

Declaration

```
Task<ServiceResult<List<RefereesTeamsMatchesResponseDto>>>> GetRefereeMatchStatsAsync(RefereesTeamsMatchesRequestDto request)
```

Parameters

Type	Name	Description
RefereesTeamsMatchesRequestDto (AdminPart.DTOs.RefereesTeamsMatchesRequestDto.html)	<i>request</i>	A DTO containing filtering parameters including: <ul style="list-style-type: none">TeamId: The ID of the team to analyzeCompetitionId: The ID of the competition to analyzeRefereelds: Collection of referee IDs to include in the analysisIsReferee: Flag indicating whether to consider main referee (true) or assistant referee (false) assignments

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesTeamsMatchesResponseDto (AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html)>>>	A ServiceResult containing either: <ul style="list-style-type: none">A success result with a list of RefereesTeamsMatchesResponseDto objects containing statistics, orA failure result with an error message if processing failed

Remarks

This asynchronous method analyzes the history of referee delegation for a specific team by:

- 1. Calculating statistics based on whether the official was delegated as referee or assistant referee
- 2. Counting home and away matches for each referee
- 3. Checking for any existing veto records between the team and referee

For vetoed referees, the method returns predefined values (6 for both home and away counts).

MakeConnectionsOfMatches(List<MatchViewModel>)

Establishes sequential connections between matches scheduled on the same field.

Declaration

```
ServiceResult<List<MatchViewModel>> MakeConnectionsOfMatches(List<MatchViewModel> matches)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	A list of MatchViewModel objects to be processed and connected

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>	A ServiceResult containing either: <ul style="list-style-type: none">• A success result with the processed list of matches including connection information, or• A failure result with an error message if processing failed

Remarks

This method creates a linked structure between consecutive matches by:

- 1. Sorting matches by field and start time
- 2. Analyzing each pair of consecutive matches on the same field
- 3. Calculating the expected end time of each match based on competition rules
- 4. Establishing bi-directional links (PreMatch/PostMatch) between matches when:
 - They occur on the same field
 - The second match starts within an acceptable time window after the first ends (in the time slot from match end + reserveBetweenMatches to match end + reserveToSecondMatch)

The time window for valid connections is controlled by the class fields:

- reserveBetweenMatches: Minimum minutes required between matches (30)
- reserveToSecondMatch: Maximum minutes allowed between matches (75)

ProcessDtosToMatches(List<UnfilledMatchDto>, string)

Transforms a collection of unfilled match DTOs into fully-populated Match domain models.

Declaration

```
ServiceResult<List<Match>> ProcessDtosToMatches(List<UnfilledMatchDto> listOfMatches, string user)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< UnfilledMatchDto (AdminPart.DTOs.UnfilledMatchDto.html)>	<i>listOfMatches</i>	A collection of UnfilledMatchDto objects containing raw match data(most ids)
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>user</i>	

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< Match (AdminPart.Models.Match.html)>>	A ServiceResult containing either: <ul style="list-style-type: none">• A success result with a list of fully-populated Match objects, or

	<ul style="list-style-type: none">• A failure result with an error message if processing failed
--	---

Remarks

This method processes each UnfilledMatchDto by:

1. Extracting and validating the competition code from the match number
2. Retrieving the appropriate competition record
3. Retrieving or creating the field record
4. Validating and retrieving or creating team records for both home and away teams
5. Converting match date and time information from the DTO
6. Creating a timestamp using Central European Standard Time
7. Assembling all components into a complete Match entity

SortByAwayTeam(bool, IEnumerable<MatchViewModel>)

Sorts matches by the away team name.

Declaration

```
List<MatchViewModel> SortByAwayTeam(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by away team.

SortByCategory(bool, IEnumerable<MatchViewModel>)

Sorts matches by category (e.g., league or division).

Declaration

```
List<MatchViewModel> SortByCategory(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by category.

SortByField(bool, IEnumerable<MatchViewModel>)

Sorts matches by their assigned field.

Declaration

```
List<MatchViewModel> SortByField(bool asc, IEnumerable<MatchViewModel> matches)
```


Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by field.

SortByGameTime(bool, IEnumerable<MatchViewModel>)

Sorts matches by their scheduled game time.

Declaration

```
List<MatchViewModel> SortByGameTime(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by game time.

SortByHomeTeam(bool, IEnumerable<MatchViewModel>)

Sorts matches by the home team name.

Declaration

```
List<MatchViewModel> SortByHomeTeam(bool asc, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	True for ascending order; false for descending.
IEnumerable (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of MatchViewModel items by home team.

SortByUndelegatedMatches(IEnumerable<MatchViewModel>)

Filters and returns a list of matches that have not yet been delegated to referees.

Declaration

```
List<MatchViewModel> SortByUndelegatedMatches(IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
<code>IEnumerable</code> (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< <code>MatchViewModel</code> (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to filter.

Returns

Type	Description
<code>List</code> (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< <code>MatchViewModel</code> (AdminPart.Views.ViewModels.MatchViewModel.html)>	A list of undelegated <code>MatchViewModel</code> items.

SortBy<TKey>(IEnumerable<MatchViewModel>, Func<MatchViewModel, TKey>, bool)

Sorts matches using a provided selector function and sort direction.

Declaration

```
List<MatchViewModel> SortBy<TKey>(IEnumerable<MatchViewModel> matches, Func<MatchViewModel, TKey> selector, bool asc)
```

Parameters

Type	Name	Description
<code>IEnumerable</code> (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< <code>MatchViewModel</code> (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.
<code>Func</code> (https://learn.microsoft.com/dotnet/api/system.func-2)< <code>MatchViewModel</code> (AdminPart.Views.ViewModels.MatchViewModel.html), <code>TKey</code> >	<i>selector</i>	A function to select the key for sorting.
<code>bool</code> (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>asc</i>	Indicates whether the sorting should be ascending (true) or descending (false).

Returns

Type	Description
<code>List</code> (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< <code>MatchViewModel</code> (AdminPart.Views.ViewModels.MatchViewModel.html)>	A sorted list of <code>MatchViewModel</code> items.

Type Parameters

Name	Description
<i>TKey</i>	The type of the key to sort by.

SortMatches(string, IEnumerable<MatchViewModel>)

Sorts the given matches based on the specified sort key.

Declaration

```
ServiceResult<List<MatchViewModel>> SortMatches(string sortKey, IEnumerable<MatchViewModel> matches)
```

Parameters

Type	Name	Description
<code>string</code> (https://learn.microsoft.com/dotnet/api/system.string)	<i>sortKey</i>	The key indicating which property to sort by (e.g., "Field", "Time").
<code>IEnumerable</code> (https://learn.microsoft.com/dotnet/api/system.collections.generic.ienumerable-1)< <code>MatchViewModel</code> (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	The collection of matches to sort.

Returns

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Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>>	A ServiceResult containing a sorted list of MatchViewModel items.

Namespace AdminPart.Services.AdminServices

Classes

AdminService ([AdminPart.Services.AdminServices.AdminService.html](#))

Interfaces

IAdminService ([AdminPart.Services.AdminServices.IAdminService.html](#))

Class EmailsToLoginDbSender

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (https://learn.microsoft.com/dotnet/api/system.object)
↳ EmailsToLoginDbSender

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) (https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (https://learn.microsoft.com/dotnet/api/system.object.gethashcode)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (https://learn.microsoft.com/dotnet/api/system.object.gettype)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (https://learn.microsoft.com/dotnet/api/system.object.referenceequals)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (https://learn.microsoft.com/dotnet/api/system.object.tostring)

Namespace: AdminPart (AdminPart.html).Services (AdminPart.Services.html).EmailsSender (AdminPart.Services.EmailsSender.html)

Assembly: AdminPart.dll

Syntax

```
public class EmailsToLoginDbSender
```

Constructors

EmailsToLoginDbSender(HttpClient, ILogger<EmailsToLoginDbSender>)

Declaration

```
public EmailsToLoginDbSender(HttpClient httpClient, ILogger<EmailsToLoginDbSender> logger)
```

Parameters

Type	Name	Description
HttpClient (https://learn.microsoft.com/dotnet/api/system.net.http.httpclient)	<i>httpClient</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)< EmailsToLoginDbSender (AdminPart.Services.EmailsSender.EmailsToLoginDbSender.html)>	<i>logger</i>	

Methods

AddEmailsToAllowedListAsync(List<string>)

Declaration

```
public Task<ServiceResult<bool>> AddEmailsToAllowedListAsync(List<string> emails)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< string (https://learn.microsoft.com/dotnet/api/system.string)>	<i>emails</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< ServiceResult (AdminPart.Common.ServiceResult-1.html)< bool (https://learn.microsoft.com/dotnet/api/system.boolean)>>>	

Namespace AdminPart.Services.EmailsSender

Classes

EmailsToLoginDbSender ([AdminPart.Services.EmailsSender.EmailsToLoginDbSender.html](#))

Class ExportData

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [ExportData](#)

Implements

[IExcelExporter](#) ([AdminPart.Services.FileParsers.IExcelExporter.html](#))

Inherited Members

[object.Equals\(object\)](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](#) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](#) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[Services](#) ([AdminPart.Services.html](#)).[FileParsers](#) ([AdminPart.Services.FileParsers.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class ExportData : IExcelExporter
```

Constructors

ExportData(ILogger<ExportData>)

Declaration

```
public ExportData(ILogger<ExportData> logger)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)< ExportData (AdminPart.Services.FileParsers.ExportData.html)>	<i>logger</i>	

Methods

GenerateMatchExcel(List<MatchViewModel>, Dictionary<int, Tuple<string, string>>)

Generates an Excel file containing match information and referee assignments.

Declaration

```
public ServiceResult<byte[]> GenerateMatchExcel(List<MatchViewModel> matches, Dictionary<int, Tuple<string, string>> infoReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	A list of match view models containing details such as teams, date, time and other metadata.
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)< int (https://learn.microsoft.com/dotnet/api/system.int32), Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)>	<i>infoReferees</i>	A dictionary mapping referee IDs to tuples

string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>>		containing name and additional information.
---	--	---

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html) byte (https://learn.microsoft.com/dotnet/api/system.byte)[]>	A ServiceResult containing the Excel file as a byte array if successful, or an error message if the operation fails.

Implements

IExcelExporter ([AdminPart.Services.FileParsers.IExcelExporter.html](#))

Class GetData

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [GetData](#)

Implements

[IExcelParser](#) ([AdminPart.Services.FileParsers.IExcelParser.html](#))

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[Services](#) ([AdminPart.Services.html](#)).[FileParsers](#) ([AdminPart.Services.FileParsers.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class GetData : IExcelParser
```

Constructors

GetData(ILogger<GetData>)

Declaration

```
public GetData(ILogger<GetData> logger)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)< GetData (AdminPart.Services.FileParsers.GetData.html)>	<i>logger</i>	

Methods

GetInformationsAboutFields(string)

Extracts field information from the given file.

Declaration

```
public Task<ServiceResult<List<FilledFieldDto>>> GetInformationsAboutFields(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)< ServiceResult (AdminPart.Common.ServiceResult-1.html)< List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< FilledFieldDto (AdminPart.DTOs.FilledFieldDto.html)>>>	List of fields filled with FilledFieldDto .(address , latitude ,longitude)

GetInformationsOfReferees(string)

Extracts referee information from the given file.

Declaration

```
public Task<ServiceResult<Dictionary<KeyValuePair<string, string>, IRefereeDto>>> GetInformationsOfReferees(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<KeyValuePair (https://learn.microsoft.com/dotnet/api/system.collections.generic.keyvaluepair-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>, IRefereeDto (AdminPart.DTOs.IRefereeDto.html)>>>	A dictionary where each key is a pair of strings (possibly representing referee identity), and each value is an object implementing IRefereeDto(email,phone number, facrId).

GetMatchesDataAsync(string)

Extracting match data from file

Declaration

```
public Task<ServiceResult<List<UnfilledMatchDto>>> GetMatchesDataAsync(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<UnfilledMatchDto (AdminPart.DTOs.UnfilledMatchDto.html)>>>	List of matches filled with unfilledMatchDto.

GetPlayedMatchesDataAsync(string)

Extracting already played matches data from file

Declaration

```
public Task<ServiceResult<List<FilledMatchDto>>> GetPlayedMatchesDataAsync(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledMatchDto (AdminPart.DTOs.FilledMatchDto.html)>>>	List of matches filled with filledMatchDto(informations about already playe match with delegated person).

GetRefereesDataAsync(string)

Extracting referee data from file

Declaration

```
public Task<ServiceResult<Dictionary<KeyValuePair<string, string>, IRefereeDto>>> GetRefereesDataAsync(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<KeyValuePair (https://learn.microsoft.com/dotnet/api/system.collections.generic.keyvaluepair-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>, IRefereeDto (AdminPart.DTOs.IRefereeDto.html)>>>	Dictionary with key as first name and surname , for faster accessing and informations about referee.

SaveAndValidateFileAsync(IFormFile)

Validation of type of file and then save file to temporary folder, from where we can extract necessary informations

Declaration

```
public Task<ServiceResult<string?>> SaveAndValidateFileAsync(IFormFile file)
```

Parameters

Type	Name	Description
IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.iformfile)	<i>file</i>	The file choosen by user, file picker initialized by jquery script.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<string (https://learn.microsoft.com/dotnet/api/system.string)>>	Path to the file.

Implements

IExcelParser (AdminPart.Services.FileParsers.IExcelParser.html)

Interface IExcelExporter

Namespace: AdminPart (AdminPart.html).Services (AdminPart.Services.html).FileParsers (AdminPart.Services.FileParsers.html)

Assembly: AdminPart.dll

Syntax

```
public interface IExcelExporter
```

Methods

GenerateMatchExcel(List<MatchViewModel>, Dictionary<int, Tuple<string, string>>)

Generates an Excel file containing match information and referee assignments.

Declaration

```
ServiceResult<byte[]> GenerateMatchExcel(List<MatchViewModel> matches, Dictionary<int, Tuple<string, string>> infoReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>matches</i>	A list of match view models containing details such as teams, date, time and other metadata.
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>>	<i>infoReferees</i>	A dictionary mapping referee IDs to tuples containing name and additional information.

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<byte (https://learn.microsoft.com/dotnet/api/system.byte)[]>	A ServiceResult containing the Excel file as a byte array if successful, or an error message if the operation fails.

Interface IExcelParser

Namespace: AdminPart (AdminPart.html).Services (AdminPart.Services.html).FileParsers (AdminPart.Services.FileParsers.html)

Assembly: AdminPart.dll

Syntax

```
public interface IExcelParser
```

Methods

GetInformationsAboutFields(string)

Extracts field information from the given file.

Declaration

```
Task<ServiceResult<List<FilledFieldDto>>>> GetInformationsAboutFields(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledFieldDto (AdminPart.DTOs.FilledFieldDto.html)>>>>	List of fields filled with FilledFieldDto.(address , latitude ,longitude)

GetInformationsOfReferees(string)

Extracts referee information from the given file.

Declaration

```
Task<ServiceResult<Dictionary<KeyValuePair<string, string>, IRefereeDto>>>> GetInformationsOfReferees(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<KeyValuePair (https://learn.microsoft.com/dotnet/api/system.collections.generic.keyvaluepair-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>, IRefereeDto (AdminPart.DTOs.IRefereeDto.html)>>>>	A dictionary where each key is a pair of strings (possibly representing referee identity), and each value is an object implementing IRefereeDto(email,phone number, facrId).

GetMatchesDataAsync(string)

Extracting match data from file

Declaration

```
Task<ServiceResult<List<UnfilledMatchDto>>>> GetMatchesDataAsync(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<UnfilledMatchDto (AdminPart.DTOs.UnfilledMatchDto.html)>>>	List of matches filled with unfilledMatchDto.

GetPlayedMatchesDataAsync(string)

Extracting already played matches data from file

Declaration

```
Task<ServiceResult<List<FilledMatchDto>>> GetPlayedMatchesDataAsync(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<FilledMatchDto (AdminPart.DTOs.FilledMatchDto.html)>>>	List of matches filled with filledMatchDto(informations about already playe match with delegated person).

GetRefereesDataAsync(string)

Extracting referee data from file

Declaration

```
Task<ServiceResult<Dictionary<KeyValuePair<string, string>, IRefereeDto>>> GetRefereesDataAsync(string path)
```

Parameters

Type	Name	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>path</i>	The path provided by saveAndValidateFileAsync method.

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<KeyValuePair (https://learn.microsoft.com/dotnet/api/system.collections.generic.keyvaluepair-2)<string (https://learn.microsoft.com/dotnet/api/system.string), string (https://learn.microsoft.com/dotnet/api/system.string)>,<IRefereeDto (AdminPart.DTOs.IRefereeDto.html)>>>	Dictionary with key as first name and surname , for faster accessing and informations about referee.

SaveAndValidateFileAsync(IFormFile)

Validation of type of file and then save file to temporary folder, from where we can extract necessary informations

Declaration

```
Task<ServiceResult<string?>> SaveAndValidateFileAsync(IFormFile file)
```

Parameters

Type	Name	Description

IFormFile (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.http.iformfile)	<i>file</i>	The file choosen by user, file picker initialized by jquery script.
--	-------------	---

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)>string (https://learn.microsoft.com/dotnet/api/system.string)>>	Path to the file.

Namespace AdminPart.Services.FileParsers

Classes

ExportData ([AdminPart.Services.FileParsers.ExportData.html](#))

GetData ([AdminPart.Services.FileParsers.GetData.html](#))

Interfaces

IExcelExporter ([AdminPart.Services.FileParsers.IExcelExporter.html](#))

IExcelParser ([AdminPart.Services.FileParsers.IExcelParser.html](#))

Interface IRefereeService

Namespace: AdminPart (AdminPart.html).Services (AdminPart.Services.html).RefereeServices (AdminPart.Services.RefereeServices.html)

Assembly: AdminPart.dll

Syntax

```
public interface IRefereeService
```

Methods

AddRefereeTimeOptionsAsync(Referee, List<Match>, List<Transfer>, DateOnly)

Processes a single referee's availability in relation to matches,excuses and transfers, creating a RefereeWithTimeOptions object with availability data.

Declaration

```
Task<ServiceResult<RefereeWithTimeOptions>> AddRefereeTimeOptionsAsync(Referee referee, List<Match> listOfMatches, List<Transfer> listOfTransfers, DateOnly firstGameDay)
```

Parameters

Type	Name	Description
Referee (AdminPart.Models.Referee.html)	<i>referee</i>	The referee entity to process
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	List of matches to check against referee availability
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>	<i>listOfTransfers</i>	List of transfer records for travel between locations
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>firstGameDay</i>	The first day of the gaming weekend or match schedule

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>>	A ServiceResult containing a referee with their time availability options

AddRefereesTimeOptionsAsync(List<Referee>, List<MatchViewModel>, List<Transfer>, DateOnly)

Processes a list of referees and their availability in relation to matches,excuses,transfers creating RefereeWithTimeOptions objects with availability data.

Declaration

```
Task<ServiceResult<List<RefereeWithTimeOptions>>> AddRefereesTimeOptionsAsync(List<Referee> listWithReferees, List<MatchViewModel> listOfMatches, List<Transfer> listOfTransfers, DateOnly firstGameDay)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Referee (AdminPart.Models.Referee.html)>	<i>listWithReferees</i>	List of referee entities to process
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>listOfMatches</i>	List of match view models containing match schedule information
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>	<i>listOfTransfers</i>	List of transfer records for travel between locations
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>firstGameDay</i>	The first day of the gaming weekend or match schedule

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>>>	A ServiceResult containing a list of referees with their time availability options

CalculatePointsForReferees(List<int>, List<RefereesTeamsMatchesResponseDto>, List<RefereesTeamsMatchesResponseDto>, List<RefereesMatchesResponseDto>, Dictionary<int, int>)

Calculates points for referees based on previous and current match delegations and travel distances.

Declaration

```
ServiceResult<Dictionary<int, Tuple<int, string>>> CalculatePointsForReferees(List<int> refereeIds, List<RefereesTeamsMatchesResponseDto> homeMatches, List<RefereesTeamsMatchesResponseDto> awayMatches, List<RefereesMatchesResponseDto> totalMatches, Dictionary<int, int> distanceDictionary)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<int (https://learn.microsoft.com/dotnet/api/system.int32)>	<i>refereelds</i>	List of referee IDs to calculate points for
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesTeamsMatchesResponseDto (AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html)>	<i>homeMatches</i>	Result of previous method with counter of home matches with referee delegation for every referee
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesTeamsMatchesResponseDto (AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html)>	<i>awayMatches</i>	Result of previous method with counter of away matches with referee delegation for every referee
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesMatchesResponseDto (AdminPart.DTOs.RefereesMatchesResponseDto.html)>	<i>totalMatches</i>	Result of previous method with counter of matches currently delegated in this playing weekend
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), int (https://learn.microsoft.com/dotnet/api/system.int32)>	<i>distanceDictionary</i>	Dictionary of distance in average between previous/next field and actual match field for every referee

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>>>	Dictionary mapping referee IDs to tuples containing points and additional text info about penalties for admins

Remarks

check veto for both teams , if only one of these exists -80 points for referee (max -80)
the number of matches delegated as a referee/assistant for the teams where team is as a home team to 2 matches -3 for each, third match is for -5 , four and more are for additional -10 (max -31)
the number of matches delegated as a referee/assistant for the teams where team is as a away team /// to 2 matches -2 for each, third match is for -3 , four and more are for additional -5 (max -17)
the distance of field in order to previous match or residence, we consider max air distance 35 km in Prague competitions so for every 5 km -3 points (max -21)
the number of matches this gaming weekend , for every match -2 points as assistant -3 as referee (max -18)

CheckCarAvailabilityOfReferee(RefereeWithTimeOptions, Match)

Checks if a referee has a car available (he added vehicle slot via referee part) in the time of specified match.

Declaration

```
ServiceResult<bool?> CheckCarAvailabilityOfReferee(RefereeWithTimeOptions referee, Match matchToCheck)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>referee</i>	The referee to check car availability for
Match (AdminPart.Models.Match.html)	<i>matchToCheck</i>	The match to check against

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html) bool (https://learn.microsoft.com/dotnet/api/system.boolean)?>	Nullable bool: true if car is available, false if not, null if no matching slot is found.

CheckTimeAvailabilityOfReferee(RefereeWithTimeOptions, Match)

Checks if a referee is available at the time of a specified match. We takes into consideration excuses and already delegated matches

Declaration

```
ServiceResult<bool> CheckTimeAvailabilityOfReferee(RefereeWithTimeOptions refereeToCheck, Match matchToCheck)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>refereeToCheck</i>	The referee to check availability for
Match (AdminPart.Models.Match.html)	<i>matchToCheck</i>	The match to check against

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html) bool (https://learn.microsoft.com/dotnet/api/system.boolean)>	True if the referee is available, otherwise false

CheckTimeAvailabilityWithTransferOfReferee(DateTime, string, Match, int, int, bool, bool)

Performs a complex check of referee availability considering transfer time between matches.

Declaration

```
ServiceResult<Tuple<bool, double, Transfer>> CheckTimeAvailabilityWithTransferOfReferee(DateTime startOrEndOfConnectedMatch, string connectedMatchId, Match matchToCheck, int transferLength, int refereeId, bool isPreMatch, bool hasCar)
```

Parameters

Type	Name	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startOrEndOfConnectedMatch</i>	Start or end time of a connected match
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>connectedMatchId</i>	ID of a match connected to the one being checked
Match (AdminPart.Models.Match.html)	<i>matchToCheck</i>	The match being evaluated
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>transferLength</i>	Time required for transfer between locations
int (https://learn.microsoft.com/dotnet/api/system.int32)	<i>refereeld</i>	ID of the referee being checked
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>isPreMatch</i>	Indicates if connected match is before (true) or after(false) evaluated match
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>hasCar</i>	Indicates if referee has access to a car

Returns

--	--

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-3)< bool (https://learn.microsoft.com/dotnet/api/system.boolean), double (https://learn.microsoft.com/dotnet/api/system.double), Transfer (AdminPart.Models.Transfer.html) >>	A tuple containing: <ul style="list-style-type: none">• bool: true if the referee is available, false if not,• double: number of minutes of overlap or buffer,• Transfer: transfer object containing timing and metadata.

GetFirstNextMatchDateTime(RefereeWithTimeOptions, Match)

Determines the date and time of the referee's next scheduled match after the specified match.

Declaration

```
ServiceResult<Tuple<DateTime, string?>> GetFirstNextMatchDateTime(RefereeWithTimeOptions referee, Match matchToCheck)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>referee</i>	The referee with their availability information
Match (AdminPart.Models.Match.html)	<i>matchToCheck</i>	The match being evaluated

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)< DateTime (https://learn.microsoft.com/dotnet/api/system.datetime), string (https://learn.microsoft.com/dotnet/api/system.string)>>	A tuple containing the date/time of the next match and an optional match identifier

Remarks

There need to be less than travellingMaximumPeriod + waitingTimeBeforeMatch to the next match to makes sense to calculate the transport time

GetFirstPreviousMatchDateTime(RefereeWithTimeOptions, DateTime)

Determines the date and time of the referee's previous scheduled match before the specified time.

Declaration

```
ServiceResult<Tuple<DateTime, string?>> GetFirstPreviousMatchDateTime(RefereeWithTimeOptions referee, DateTime matchStart)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>referee</i>	The referee with their availability information
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>matchStart</i>	The start time to check against

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)< DateTime (https://learn.microsoft.com/dotnet/api/system.datetime), string (https://learn.microsoft.com/dotnet/api/system.string)>>	A tuple containing the date/time of the previous match and an optional match identifier

Remarks

/// There need to be less than travellingMaximumPeriod + waitingTimeBeforeMatch from the end of previous match to the start of this match to makes sense to calculate the transport time ///

GetLocationAfterMatch(List<Match>, DateTime)

Retrieves the geographical coordinates of the referee's location after a specified match.

Declaration

```
ServiceResult<Tuple<float, float>> GetLocationAfterMatch(List<Match> listOfMatches, DateTime startDateTime)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	List of all matches to search through
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDateTime</i>	Start time of the match to check

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)< float (https://learn.microsoft.com/dotnet/api/system.single), float (https://learn.microsoft.com/dotnet/api/system.single)>>	Coordinates (latitude, longitude) of the location after the match

Remarks

We take only locations of matches which will happen in less than 4 hours(start) after the start of actual match. ///

GetLocationBeforeMatch(List<Match>, DateTime)

Retrieves the geographical coordinates of the referee's location before a specified match.

Declaration

```
ServiceResult<Tuple<float, float>> GetLocationBeforeMatch(List<Match> listOfMatches, DateTime startDateTime)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	List of all matches to search through
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDateTime</i>	Start time of the match to check

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)< float (https://learn.microsoft.com/dotnet/api/system.single), float (https://learn.microsoft.com/dotnet/api/system.single)>>	Coordinates (latitude, longitude) of the location before the match

Remarks

We take only locations of matches which will happen in less than 4 hours(start) before the start of actual match.

GetRefereeDictionary(List<Referee>)

Creates a dictionary mapping referee IDs to their names for easy reference.

Declaration

```
ServiceResult<Dictionary<int, string>> GetRefereeDictionary(List<Referee> listOfReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<	<i>listOfReferees</i>	

Referee (AdminPart.Models.Referee.html)>	List of referee entities
--	--------------------------

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)< int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>>	Dictionary with referee IDs as keys and full names as values

SortRefereesByLeague(List<RefereeWithTimeOptions>)

Sorting referees in order their league level, sort the specified lists by surname

Declaration

```
ServiceResult<Dictionary<int, List<RefereeWithTimeOptions>>> SortRefereesByLeague(List<RefereeWithTimeOptions> listOfReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>	<i>listOfReferees</i>	The list with all referees.

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)< int (https://learn.microsoft.com/dotnet/api/system.int32), List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>>>	6 lists of refereees sorted by their league level.

Namespace AdminPart.Services.RefereeServices

Classes

RefereeService ([AdminPart.Services.RefereeServices.RefereeService.html](#))

RefereeService.TimeFlags
([AdminPart.Services.RefereeServices.RefereeService.TimeFlags.html](#))

Interfaces

IRefereeService ([AdminPart.Services.RefereeServices.IRefereeService.html](#))

Class RefereeService

Inheritance

↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeService

Implements

IRefereeService ([AdminPart.Services.RefereeServices.IRefereeService.html](#))

Inherited Members

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).Services ([AdminPart.Services.html](#)).RefereeServices ([AdminPart.Services.RefereeServices.html](#))

Assembly: AdminPart.dll

Syntax

```
public class RefereeService : IRefereeService
```

Constructors

RefereeService(ILogger<RefereeService>, IRefereeRepo)

Declaration

```
public RefereeService(ILogger<RefereeService> logger, IRefereeRepo refereeRepo)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<RefereeService (AdminPart.Services.RefereeServices.RefereeService.html)>	<i>logger</i>	
IRefereeRepo (AdminPart.Data.IRefereeRepo.html)	<i>refereeRepo</i>	

Methods

AddRefereeTimeOptionsAsync(Referee, List<Match>, List<Transfer>, DateOnly)

Processes a single referee's availability in relation to matches,excuses and transfers, creating a RefereeWithTimeOptions object with availability data.

Declaration

```
public Task<ServiceResult<RefereeWithTimeOptions>> AddRefereeTimeOptionsAsync(Referee referee, List<Match> listOfMatches, List<Transfer> listOfTransfers, DateOnly firstGameDay)
```

Parameters

Type	Name	Description
Referee (AdminPart.Models.Referee.html)	<i>referee</i>	The referee entity to process
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	List of matches to check against referee availability
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>	<i>listOfTransfers</i>	List of transfer records for travel between locations
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>firstGameDay</i>	

		The first day of the gaming weekend or match schedule
--	--	---

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>>	A ServiceResult containing a referee with their time availability options

AddRefereesTimeOptionsAsync(List<Referee>, List<MatchViewModel>, List<Transfer>, DateOnly)

Processes a list of referees and their availability in relation to matches,excuses,transfers creating RefereeWithTimeOptions objects with availability data.

Declaration

```
public Task<ServiceResult<List<RefereeWithTimeOptions>>> AddRefereesTimeOptionsAsync(List<Referee> listWithReferees, List<MatchViewModel> listOfMatches, List<Transfer> listOfTransfers, DateOnly firstGameDay)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Referee (AdminPart.Models.Referee.html)>	<i>listWithReferees</i>	List of referee entities to process
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	<i>listOfMatches</i>	List of match view models containing match schedule information
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Transfer (AdminPart.Models.Transfer.html)>	<i>listOfTransfers</i>	List of transfer records for travel between locations
DateOnly (https://learn.microsoft.com/dotnet/api/system.dateonly)	<i>firstGameDay</i>	The first day of the gaming weekend or match schedule

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>>>	A ServiceResult containing a list of referees with their time availability options

CalculatePointsForReferees(List<int>, List<RefereesTeamsMatchesResponseDto>, List<RefereesTeamsMatchesResponseDto>, List<RefereesMatchesResponseDto>, Dictionary<int, int>)

Calculates points for referees based on previous and current match delegations and travel distances.

Declaration

```
public ServiceResult<Dictionary<int, Tuple<int, string>>> CalculatePointsForReferees(List<int> refereeIds, List<RefereesTeamsMatchesResponseDto> homeMatches, List<RefereesTeamsMatchesResponseDto> awayMatches, List<RefereesMatchesResponseDto> totalMatches, Dictionary<int, int> distanceDictionary)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<int (https://learn.microsoft.com/dotnet/api/system.int32)>	<i>refereelds</i>	List of referee IDs to calculate points for
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesTeamsMatchesResponseDto (AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html)>	<i>homeMatches</i>	Result of previous method with counter of home matches with referee delegation for every referee
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesTeamsMatchesResponseDto (AdminPart.DTOs.RefereesTeamsMatchesResponseDto.html)>	<i>awayMatches</i>	Result of previous method with counter of away matches with referee delegation for every referee

List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<RefereesMatchesResponseDto (AdminPart.DTOs.RefereesMatchesResponseDto.html)>	<i>totalMatches</i>	Result of previous method with counter of matches currently delegated in this playing weekend
Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), int (https://learn.microsoft.com/dotnet/api/system.int32)>	<i>distanceDictionary</i>	Dictionary of distance in average between previous/next field and actual match field for every referee

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>>>	Dictionary mapping referee IDs to tuples containing points and additional text info about penalties for admins

Remarks

check veto for both teams , if only one of these exists -80 points for referee (max -80)
the number of matches delegated as a referee/assistant for the teams where team is as a home team to 2 matches -3 for each, third match is for -5 , four and more are for additional -10 (max -31)
the number of matches delegated as a referee/assistant for the teams where team is as a away team /// to 2 matches -2 for each, third match is for -3 , four and more are for additional -5 (max -17)
the distance of field in order to previous match or residence, we consider max air distance 35 km in Prague competitions so for every 5 km -3 points (max -21)
the number of matches this gaming weekend , for every match -2 points as assistant -3 as referee (max -18)

CheckCarAvailabilityOfReferee(RefereeWithTimeOptions, Match)

Checks if a referee has a car available (he added vehicle slot via referee part) in the time of specified match.

Declaration

```
public ServiceResult<bool?> CheckCarAvailabilityOfReferee(RefereeWithTimeOptions referee, Match matchToCheck)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>referee</i>	The referee to check car availability for
Match (AdminPart.Models.Match.html)	<i>matchToCheck</i>	The match to check against

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)?>	Nullable bool: true if car is available, false if not, null if no matching slot is found.

CheckTimeAvailabilityOfReferee(RefereeWithTimeOptions, Match)

Checks if a referee is available at the time of a specified match. We takes into consideration excuses and already delegated matches

Declaration

```
public ServiceResult<bool> CheckTimeAvailabilityOfReferee(RefereeWithTimeOptions referee, Match matchToCheck)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>referee</i>	
Match (AdminPart.Models.Match.html)	<i>matchToCheck</i>	The match to check against

Returns

Type	Description

ServiceResult (AdminPart.Common.ServiceResult-1.html)<bool (https://learn.microsoft.com/dotnet/api/system.boolean)>	True if the referee is available, otherwise false
---	---

CheckTimeAvailabilityWithTransferOfReferee(DateTime, string, Match, int, int, bool, bool)

Performs a complex check of referee availability considering transfer time between matches.

Declaration

```
public ServiceResult<Tuple<bool, double, Transfer>> CheckTimeAvailabilityWithTransferOfReferee(DateTime startOrEndOf
ConnectedMatch, string connectedMatchId, Match matchToCheck, int transferLength, int refereeId, bool isPreMatch, boo
l hasCar)
```

Parameters

Type	Name	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	startOrEndOfConnectedMatch	Start or end time of a connected match
string (https://learn.microsoft.com/dotnet/api/system.string)	connectedMatchId	ID of a match connected to the one being checked
Match (AdminPart.Models.Match.html)	matchToCheck	The match being evaluated
int (https://learn.microsoft.com/dotnet/api/system.int32)	transferLength	Time required for transfer between locations
int (https://learn.microsoft.com/dotnet/api/system.int32)	refereeld	ID of the referee being checked
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	isPreMatch	Indicates if connected match is before (true) or after(false) evaluated match
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	hasCar	Indicates if referee has access to a car

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-3)<bool (https://learn.microsoft.com/dotnet/api/system.boolean), double (https://learn.microsoft.com/dotnet/api/system.double), Transfer (AdminPart.Models.Transfer.html)>>	A tuple containing: <ul style="list-style-type: none">• bool: true if the referee is available, false if not,• double: number of minutes of overlap or buffer,• Transfer: transfer object containing timing and metadata.

GetFirstNextMatchDateTime(RefereeWithTimeOptions, Match)

Determines the date and time of the referee's next scheduled match after the specified match.

Declaration

```
public ServiceResult<Tuple<DateTime, string?>> GetFirstNextMatchDateTime(RefereeWithTimeOptions referee, Match match
ToCheck)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	referee	The referee with their availability information
Match (AdminPart.Models.Match.html)	matchToCheck	The match being evaluated

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)<	

Tuple (<https://learn.microsoft.com/dotnet/api/system.tuple-2>)< DateTime (<https://learn.microsoft.com/dotnet/api/system.datetime>), string (<https://learn.microsoft.com/dotnet/api/system.string>)>>	A tuple containing the date/time of the next match and an optional match identifier
---	---

Remarks

There need to be less than travellingMaximumPeriod + waitingTimeBeforeMatch to the next match to makes sense to calculate the transport time

GetFirstPreviousMatchDateTime(RefereeWithTimeOptions, DateTime)

Determines the date and time of the referee's previous scheduled match before the specified time.

Declaration

```
public ServiceResult<Tuple<DateTime, string?>> GetFirstPreviousMatchDateTime(RefereeWithTimeOptions referee, DateTime matchStart)
```

Parameters

Type	Name	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	<i>referee</i>	The referee with their availability information
DateTime (<https://learn.microsoft.com/dotnet/api/system.datetime>)	<i>matchStart</i>	The start time to check against

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (<https://learn.microsoft.com/dotnet/api/system.tuple-2>)< DateTime (<https://learn.microsoft.com/dotnet/api/system.datetime>), string (<https://learn.microsoft.com/dotnet/api/system.string>)>>	A tuple containing the date/time of the previous match and an optional match identifier

Remarks

/// There need to be less than travellingMaximumPeriod + waitingTimeBeforeMatch from the end of previous match to the start of this match to makes sense to calculate the transport time ///

GetLocationAfterMatch(List<Match>, DateTime)

Retrieves the geographical coordinates of the referee's location after a specified match.

Declaration

```
public ServiceResult<Tuple<float, float>> GetLocationAfterMatch(List<Match> listOfMatches, DateTime startDateTime)
```

Parameters

Type	Name	Description
List (<https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1>)< Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	List of all matches to search through
DateTime (<https://learn.microsoft.com/dotnet/api/system.datetime>)	<i>startDateTime</i>	Start time of the match to check

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (<https://learn.microsoft.com/dotnet/api/system.tuple-2>)< float (<https://learn.microsoft.com/dotnet/api/system.single>), float (<https://learn.microsoft.com/dotnet/api/system.single>)>>	Coordinates (latitude, longitude) of the location after the match

Remarks

We take only locations of matches which will happen in less than 4 hours(start) after the start of actual match. ///

GetLocationBeforeMatch(List<Match>, DateTime)

Retrieves the geographical coordinates of the referee's location before a specified match.

Declaration

```
public ServiceResult<Tuple<float, float>> GetLocationBeforeMatch(List<Match> listOfMatches, DateTime startDateTime)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< Match (AdminPart.Models.Match.html)>	<i>listOfMatches</i>	List of all matches to search through
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>startDateTime</i>	Start time of the match to check

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)< float (https://learn.microsoft.com/dotnet/api/system.single), float (https://learn.microsoft.com/dotnet/api/system.single)>>	Coordinates (latitude, longitude) of the location before the match

Remarks

We take only locations of matches which will happen in less than 4 hours(start) before the start of actual match.

GetRefereeDictionary(List<Referee>)

Creates a dictionary mapping referee IDs to their names for easy reference.

Declaration

```
public ServiceResult<Dictionary<int, string>> GetRefereeDictionary(List<Referee> listOfReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< Referee (AdminPart.Models.Referee.html)>	<i>listOfReferees</i>	List of referee entities

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)< int (https://learn.microsoft.com/dotnet/api/system.int32), string (https://learn.microsoft.com/dotnet/api/system.string)>>	Dictionary with referee IDs as keys and full names as values

SortRefereesByLeague(List<RefereeWithTimeOptions>)

Sorting referees in order their league level, sort the specified lists by surname

Declaration

```
public ServiceResult<Dictionary<int, List<RefereeWithTimeOptions>>> SortRefereesByLeague(List<RefereeWithTimeOptions> > listOfReferees)
```

Parameters

Type	Name	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>	<i>listOfReferees</i>	The list with all referees.

Returns

Type	Description
ServiceResult (AdminPart.Common.ServiceResult-1.html)< Dictionary (https://learn.microsoft.com/dotnet/api/system.collections.generic.dictionary-2)< int (https://learn.microsoft.com/dotnet/api/system.int32), List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>>>	6 lists of referees sorted by their league level.

Implements

Class RefereeService.TimeFlags

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ [RefereeService.TimeFlags](#)

Implements

[IEquatable](https://learn.microsoft.com/dotnet/api/system.iequatable-1) (<https://learn.microsoft.com/dotnet/api/system.iequatable-1>)<[RefereeService](#) ([AdminPart.Services.RefereeServices.RefereeService.html](#)).[TimeFlags](#) ([AdminPart.Services.RefereeServices.RefereeService.TimeFlags.html](#))>

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[Services](#) ([AdminPart.Services.html](#)).[RefereeServices](#) ([AdminPart.Services.RefereeServices.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public record RefereeService.TimeFlags : IEquatable<RefereeService.TimeFlags>
```

Constructors

TimeFlags(bool, bool, bool, bool)

Declaration

```
public TimeFlags(bool SaturdayMorning, bool SaturdayAfternoon, bool SundayMorning, bool SundayAfternoon)
```

Parameters

Type	Name	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>SaturdayMorning</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>SaturdayAfternoon</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>SundayMorning</i>	
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	<i>SundayAfternoon</i>	

Properties

SaturdayAfternoon

Declaration

```
public bool SaturdayAfternoon { get; init; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

SaturdayMorning

Declaration

```
public bool SaturdayMorning { get; init; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

SundayAfternoon

Declaration

```
public bool SundayAfternoon { get; init; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

SundayMorning

Declaration

```
public bool SundayMorning { get; init; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Implements

IEquatable<T> (<https://learn.microsoft.com/dotnet/api/system.ieuatable-1>)

Interface IRoutePlanner

Namespace: AdminPart (AdminPart.html).Services (AdminPart.Services.html).RouteServices (AdminPart.Services.RouteServices.html)

Assembly: AdminPart.dll

Syntax

```
public interface IRoutePlanner
```

Methods

CalculateRoute(float, float, float, float, DateTime?)

Declaration

```
Task<ServiceResult<Tuple<int, int>>> CalculateRoute(float startLatitude, float startLongitude, float endLatitude, float endLongitude, DateTime? departureTime = null)
```

Parameters

Type	Name	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>startLatitude</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>startLongitude</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>endLatitude</i>	
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>endLongitude</i>	
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)?	<i>departureTime</i>	

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<int (https://learn.microsoft.com/dotnet/api/system.int32), int (https://learn.microsoft.com/dotnet/api/system.int32)>>>	

Namespace AdminPart.Services.RouteServices

Classes

RouteByBusPlanner (AdminPart.Services.RouteServices.RouteByBusPlanner.html)

Implements the IRoutePlanner interface to calculate routes using public transportation via the Google Maps Directions API.

RouteByCarPlanner (AdminPart.Services.RouteServices.RouteByCarPlanner.html)

Implements the IRoutePlanner interface to calculate routes using car transportation via the Mapy.cz routing API.

Interfaces

IRoutePlanner (AdminPart.Services.RouteServices.IRoutePlanner.html)

Class RouteByBusPlanner

Implements the IRoutePlanner interface to calculate routes using public transportation via the Google Maps Directions API.

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RouteByBusPlanner

Implements

IRoutePlanner ([AdminPart.Services.RouteServices.IRoutePlanner.html](#))

Inherited Members

- object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
- object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
- object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
- object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
- object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
- object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
- object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).Services ([AdminPart.Services.html](#)).RouteServices ([AdminPart.Services.RouteServices.html](#))

Assembly: AdminPart.dll

Syntax

```
public class RouteByBusPlanner : IRoutePlanner
```

Constructors

RouteByBusPlanner(ILogger<RouteByBusPlanner>, IHttpClientFactory, string)

Constructor initializes the route planner with necessary dependencies using HttpClientFactory pattern

Declaration

```
public RouteByBusPlanner(ILogger<RouteByBusPlanner> logger, IHttpClientFactory httpClientFactory, string apiKey)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<RouteByBusPlanner (AdminPart.Services.RouteServices.RouteByBusPlanner.html)>	<i>logger</i>	Logger for recording events and errors
IHttpClientFactory (https://learn.microsoft.com/dotnet/api/system.net.http.ihttpclientfactory)	<i>httpClientFactory</i>	Factory for creating managed HttpClient instances
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>apiKey</i>	API key for Google Maps service

Exceptions

Type	Condition
ArgumentNullException (https://learn.microsoft.com/dotnet/api/system.argumentnullexception)	Thrown when apiKey is null

Methods

CalculateRoute(float, float, float, float, DateTime?)

Calculates a route between two geographic coordinates using the Google Maps Directions API with public transportation options

Declaration

```
public Task<ServiceResult<Tuple<int, int>>> CalculateRoute(float startLatitude, float startLongitude, float endLatitude, float endLongitude, DateTime? departureTime = null)
```

Parameters

Type	Name	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>startLatitude</i>	Starting point latitude
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>startLongitude</i>	Starting point longitude
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>endLatitude</i>	Destination latitude
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>endLongitude</i>	Destination longitude
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)?	<i>departureTime</i>	Optional departure time for transit routing

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<int (https://learn.microsoft.com/dotnet/api/system.int32),int (https://learn.microsoft.com/dotnet/api/system.int32)>>>	A ServiceResult containing a Tuple with distance in kilometers and duration in minutes, or an error message if the calculation fails

Implements

[IRoutePlanner](AdminPart.Services.RouteServices.IRoutePlanner.html) (<AdminPart.Services.RouteServices.IRoutePlanner.html>)

Class RouteByCarPlanner

Implements the IRoutePlanner interface to calculate routes using car transportation via the Mapy.cz routing API.

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RouteByCarPlanner

Implements

IRoutePlanner ([AdminPart.Services.RouteServices.IRoutePlanner.html](#))

Inherited Members

- object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
- object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
- object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
- object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
- object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
- object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
- object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart ([AdminPart.html](#)).Services ([AdminPart.Services.html](#)).RouteServices ([AdminPart.Services.RouteServices.html](#))

Assembly: AdminPart.dll

Syntax

```
public class RouteByCarPlanner : IRoutePlanner
```

Constructors

RouteByCarPlanner(ILogger<RouteByCarPlanner>, IHttpClientFactory, string)

Constructor initializes the route planner with necessary dependencies

Declaration

```
public RouteByCarPlanner(ILogger<RouteByCarPlanner> logger, IHttpClientFactory httpClientFactory, string apiKey)
```

Parameters

Type	Name	Description
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<RouteByCarPlanner (AdminPart.Services.RouteServices.RouteByCarPlanner.html)>	<i>logger</i>	Logger for recording events and errors
IHttpClientFactory (https://learn.microsoft.com/dotnet/api/system.net.http.ihttpclientfactory)	<i>httpClientFactory</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>apiKey</i>	API key for Mapy.cz service

Exceptions

Type	Condition
ArgumentNullException (https://learn.microsoft.com/dotnet/api/system.argumentnullexception)	Thrown when apiKey is null

Methods

CalculateRoute(float, float, float, float, DateTime?)

Calculates a car route distance and length between two geographic coordinates using the Mapy.cz API

Declaration

```
public Task<ServiceResult<Tuple<int, int>>> CalculateRoute(float startLatitude, float startLongitude, float endLatitude, float endLongitude, DateTime? departureTime = null)
```

Parameters

Type	Name	Description
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>startLatitude</i>	Starting point latitude
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>startLongitude</i>	Starting point longitude
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>endLatitude</i>	Destination latitude
float (https://learn.microsoft.com/dotnet/api/system.single)	<i>endLongitude</i>	Destination longitude
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime) ?	<i>departureTime</i>	Optional departure time (not used in current implementation)

Returns

Type	Description
Task (https://learn.microsoft.com/dotnet/api/system.threading.tasks.task-1)<ServiceResult (AdminPart.Common.ServiceResult-1.html)<Tuple (https://learn.microsoft.com/dotnet/api/system.tuple-2)<int (https://learn.microsoft.com/dotnet/api/system.int32),int (https://learn.microsoft.com/dotnet/api/system.int32)>>>	A ServiceResult containing a Tuple with distance in kilometers and duration in minutes, or an error message if the calculation fails

Implements

IRoutePlanner (<AdminPart.Services.RouteServices.IRoutePlanner.html>)

Class MainViewModel

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ MainViewModel

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: [AdminPart](#) ([AdminPart.html](#)).[Views](#) ([AdminPart.Views.html](#)).[ViewModels](#) ([AdminPart.Views.ViewModels.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class MainViewModel
```

Properties

Matches

Declaration

```
public required List<MatchViewModel> Matches { get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)>	

Referees

Declaration

```
public required List<RefereeTabsViewModel> Referees { get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< RefereeTabsViewModel (AdminPart.Views.ViewModels.RefereeTabsViewModel.html)>	

Class MatchViewModel

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ MatchViewModel

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespaces: [AdminPart](#) ([AdminPart.html](#)).[Views](#) ([AdminPart.Views.html](#)).[ViewModels](#) ([AdminPart.Views.ViewModels.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class MatchViewModel
```

Properties

Ar1Name

Declaration

```
public string? Ar1Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Ar2Name

Declaration

```
public string? Ar2Name { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

AwayTeamName

Declaration

```
public required string AwayTeamName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

CompetitionName

Declaration


```
public required string CompetitionName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

FieldName

Declaration

```
public required string FieldName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

HomeTeamName

Declaration

```
public required string HomeTeamName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Match

Declaration

```
public required Match Match { get; set; }
```

Property Value

Type	Description
Match (AdminPart.Models.Match.html)	

RefereeName

Declaration

```
public string? RefereeName { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

WeekendPartColor

Declaration

```
public string? WeekendPartColor { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Namespace AdminPart.Views.ViewModels

Classes

MainViewModel (AdminPart.Views.ViewModels.MainViewModel.html)

MatchViewModel (AdminPart.Views.ViewModels.MatchViewModel.html)

RefereeCardViewModel (AdminPart.Views.ViewModels.RefereeCardViewModel.html)

RefereeMatchCountViewModel
(AdminPart.Views.ViewModels.RefereeMatchCountViewModel.html)

RefereeMatchPointsViewModel
(AdminPart.Views.ViewModels.RefereeMatchPointsViewModel.html)

RefereeTabsViewModel (AdminPart.Views.ViewModels.RefereeTabsViewModel.html)

RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)

RefereeWithTimeOptions.TimeRange
(AdminPart.Views.ViewModels.RefereeWithTimeOptions.TimeRange.html)

Class RefereeCardViewModel

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeCardViewModel

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Views (AdminPart.Views.html).ViewModels (AdminPart.Views.ViewModels.html)

Assembly: AdminPart.dll

Syntax

```
public class RefereeCardViewModel
```

Properties

RefereeWTimeOptions

Declaration

```
public required RefereeWithTimeOptions RefereeWTimeOptions { get; set; }
```

Property Value

Type	Description
RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)	

Veto

Declaration

```
public required List<Veto> Veto { get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<Veto (AdminPart.Models.Veto.html)>	

Class RefereeMatchCountViewModel

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeMatchCountViewModel

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespaces: [AdminPart](#) ([AdminPart.html](#)).[Views](#) ([AdminPart.Views.html](#)).[ViewModels](#) ([AdminPart.Views.ViewModels.html](#))

Assembly: [AdminPart.dll](#)

Syntax

```
public class RefereeMatchCountViewModel
```

Properties

CompetitionId

Declaration

```
public string CompetitionId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IsReferee

Declaration

```
public bool IsReferee { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

RefereeIds

Declaration

```
public List<int> RefereeIds { get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< int (https://learn.microsoft.com/dotnet/api/system.int32)>	

TeamId

Declaration

```
public string TeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

Class RefereeMatchPointsViewModel

Inheritance

- ↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RefereeMatchPointsViewModel

Inherited Members

object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespaces: AdminPart (AdminPart.html).Views (AdminPart.Views.html).ViewModels (AdminPart.Views.ViewModels.html)

Assembly: AdminPart.dll

Syntax

```
public class RefereeMatchPointsViewModel
```

Properties

AwayTeamId

Declaration

```
public string AwayTeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

HomeTeamId

Declaration

```
public string HomeTeamId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

IsReferee

Declaration

```
public bool IsReferee { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

MatchId

Declaration

```
public string MatchId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

RefereeIds

Declaration

```
public List<int> RefereeIds { get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)<int (https://learn.microsoft.com/dotnet/api/system.int32)>	

Class RefereeTabsViewModel

Inheritance

↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ RefereeTabsViewModel

Inherited Members

[object.Equals\(object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
[object.Equals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
[object.GetHashCode\(\)](https://learn.microsoft.com/dotnet/api/system.object.gethashcode) (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
[object.GetType\(\)](https://learn.microsoft.com/dotnet/api/system.object.gettype) (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
[object.MemberwiseClone\(\)](https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone) (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
[object.ReferenceEquals\(object, object\)](https://learn.microsoft.com/dotnet/api/system.object.referenceequals) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
[object.ToString\(\)](https://learn.microsoft.com/dotnet/api/system.object.tostring) (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: AdminPart (AdminPart.html).Views (AdminPart.Views.html).ViewModels (AdminPart.Views.ViewModels.html)

Assembly: AdminPart.dll

Syntax

```
public class RefereeTabsViewModel
```

Properties

LeagueId

Declaration

```
public int LeagueId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)	

Referees

Declaration

```
public List<RefereeWithTimeOptions> Referees { get; set; }
```

Property Value

Type	Description
List (https://learn.microsoft.com/dotnet/api/system.collections.generic.list-1)< RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html)>	

Class RefereeWithTimeOptions

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RefereeWithTimeOptions

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespaces: AdminPart (AdminPart.html).Views (AdminPart.Views.html).ViewModels (AdminPart.Views.ViewModels.html)

Assembly: AdminPart.dll

Syntax

```
public class RefereeWithTimeOptions
```

Constructors

RefereeWithTimeOptions(Referee)

Declaration

```
public RefereeWithTimeOptions(Referee referee)
```

Parameters

Type	Name	Description
Referee (AdminPart.Models.Referee.html)	<i>referee</i>	

Properties

Referee

Declaration

```
public Referee Referee { get; set; }
```

Property Value

Type	Description
Referee (AdminPart.Models.Referee.html)	

SortedRanges

Declaration

```
public SortedSet<RefereeWithTimeOptions.TimeRange> SortedRanges { get; set; }
```

Property Value

Type	Description
SortedSet (https://learn.microsoft.com/dotnet/api/system.collections.generic.sortedset-1)<RefereeWithTimeOptions (AdminPart.Views.ViewModels.RefereeWithTimeOptions.html).TimeRange (AdminPart.Views.ViewModels.RefereeWithTimeOptions.TimeRange.html)>	

hasSpecialNote

Declaration

```
public bool hasSpecialNote { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

isFreeSaturdayAfternoon

Declaration

```
public bool isFreeSaturdayAfternoon { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

isFreeSaturdayMorning

Declaration

```
public bool isFreeSaturdayMorning { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

isFreeSundayAfternoon

Declaration

```
public bool isFreeSundayAfternoon { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

isFreeSundayMorning

Declaration

```
public bool isFreeSundayMorning { get; set; }
```

Property Value

Type	Description
bool (https://learn.microsoft.com/dotnet/api/system.boolean)	

Class RefereeWithTimeOptions.TimeRange

Inheritance

- ↳ [object](https://learn.microsoft.com/dotnet/api/system.object) (<https://learn.microsoft.com/dotnet/api/system.object>)
 - ↳ RefereeWithTimeOptions.TimeRange

Inherited Members

`object.Equals(object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
`object.Equals(object, object)` ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
`object.GetHashCode()` (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
`object.GetType()` (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
`object.MemberwiseClone()` (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
`object.ReferenceEquals(object, object)` (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
`object.ToString()` (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespaces: AdminPart (AdminPart.html).Views (AdminPart.Views.html).ViewModels (AdminPart.Views.ViewModels.html)

Assembly: AdminPart.dll

Syntax

```
public class RefereeWithTimeOptions.TimeRange
```

Constructors

TimeRange(DateTime, DateTime, string, string?, int?, int?, int?)

Declaration

```
public TimeRange(DateTime matchStart, DateTime matchEnd, string typeOfRange, string? matchId = null, int? excuseId = null, int? slotId = null, int? transferId = null)
```

Parameters

Type	Name	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>matchStart</i>	
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	<i>matchEnd</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>typeOfRange</i>	
string (https://learn.microsoft.com/dotnet/api/system.string)	<i>matchId</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)?	<i>excuseId</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)?	<i>slotId</i>	
int (https://learn.microsoft.com/dotnet/api/system.int32)?	<i>transferId</i>	

Properties

End

Declaration

```
public DateTime End { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

ExcuseId

Declaration

```
public int? ExcuseId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)?	

MatchId

Declaration

```
public string? MatchId { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

RangeType

Declaration

```
public string RangeType { get; set; }
```

Property Value

Type	Description
string (https://learn.microsoft.com/dotnet/api/system.string)	

SlotId

Declaration

```
public int? SlotId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)?	

Start

Declaration

```
public DateTime Start { get; set; }
```

Property Value

Type	Description
DateTime (https://learn.microsoft.com/dotnet/api/system.datetime)	

TransferId

Declaration

```
public int? TransferId { get; set; }
```

Property Value

Type	Description
int (https://learn.microsoft.com/dotnet/api/system.int32)?	

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- [YourService.Controllers](#)

- [TokenValidationController](#)

Namespace YourService.Controllers

Classes

TokenValidationController (YourService.Controllers.TokenValidationController.html)

Controller for validating authentication tokens used by internal services.

Class TokenValidationController

Controller for validating authentication tokens used by internal services.

Inheritance

↳ object (<https://learn.microsoft.com/dotnet/api/system.object>)
↳ ControllerBase (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase>)
↳ TokenValidationController

Inherited Members

ControllerBase.StatusCode(int) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32)))
ControllerBase.StatusCode(int, object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode\(system-int32-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.statuscode#microsoft-aspnetcore-mvc-controllerbase-statuscode(system-int32-system-object)))
ControllerBase.Content(string) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string)))
ControllerBase.Content(string, string) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-system-string)))
ControllerBase.Content(string, string, Encoding) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-system-string-system-text-encoding\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-system-string-system-text-encoding)))
ControllerBase.Content(string, MediaTypeHeaderValue) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content\(system-string-microsoft-net-http-headers-mediatypeheadervalue\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.content#microsoft-aspnetcore-mvc-controllerbase-content(system-string-microsoft-net-http-headers-mediatypeheadervalue)))
ControllerBase.NoContent() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.nocontent>)
ControllerBase.Ok() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.ok#microsoft-aspnetcore-mvc-controllerbase-ok>)
ControllerBase.Ok(object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.ok#microsoft-aspnetcore-mvc-controllerbase-ok\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.ok#microsoft-aspnetcore-mvc-controllerbase-ok(system-object)))
ControllerBase.Redirect(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirect>)
ControllerBase.RedirectPermanent(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirectpermanent>)
ControllerBase.RedirectPreserveMethod(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirectpreservemethod>)
ControllerBase.RedirectPermanentPreserveMethod(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirectpermanentpreservemethod>)
ControllerBase.LocalRedirect(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.localredirect>)
ControllerBase.LocalRedirectPermanent(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.localredirectpermanent>)
ControllerBase.LocalRedirectPreserveMethod(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.localredirectpreservemethod>)
ControllerBase.LocalRedirectPermanentPreserveMethod(string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.localredirectpermanentpreservemethod>)
ControllerBase.RedirectToAction() (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction>)
ControllerBase.RedirectToAction(string) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction\(system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction(system-string)))
ControllerBase.RedirectToAction(string, object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction(system-string-system-object)))
ControllerBase.RedirectToAction(string, string) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction\(system-string-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction(system-string-system-string)))
ControllerBase.RedirectToAction(string, string, object) ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction\(system-string-system-string-system-object-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoaction#microsoft-aspnetcore-mvc-controllerbase-redirecttoaction(system-string-system-string-system-object-system-string)))
ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.redirecttoactionpreservemethod>)

[illegible]

[illegible]

`ControllerBase.File(string, string) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string\))`

`ControllerBase.File(string, string, bool) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-boolean\))`

`ControllerBase.File(string, string, string) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string\))`

`ControllerBase.File(string, string, string, bool) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-boolean\))`

`ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\))`

`ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\))`

`ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.file#microsoft-aspnetcore-mvc-controllerbase-file\(system-string-system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\))`

`ControllerBase.PhysicalFile(string, string) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string\))`

`ControllerBase.PhysicalFile(string, string, bool) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-boolean\))`

`ControllerBase.PhysicalFile(string, string, string) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string\))`

`ControllerBase.PhysicalFile(string, string, string, bool) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-string-system-boolean\))`

`ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue\))`

`ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.physicalfile#microsoft-aspnetcore-mvc-controllerbase-physicalfile\(system-string-system-string-system-nullable\(\(system-datetimeoffset\)\)-microsoft-net-http-headers-entitytagheadervalue-system-boolean\))`

`ControllerBase.Unauthorized() (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized)`

`ControllerBase.Unauthorized(object) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unauthorized#microsoft-aspnetcore-mvc-controllerbase-unauthorized\(system-object\))`

`ControllerBase.NotFound() (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound)`

`ControllerBase.NotFound(object) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.notfound#microsoft-aspnetcore-mvc-controllerbase-notfound\(system-object\))`

`ControllerBase.BadRequest() (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest)`

`ControllerBase.BadRequest(object) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(system-object\))`

`ControllerBase.BadRequest(ModelStateDictionary) (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.badrequest#microsoft-aspnetcore-mvc-controllerbase-badrequest\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\))`

`ControllerBase.UnprocessableEntity()`
<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity>)
`ControllerBase.UnprocessableEntity(object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(system-object)))
`ControllerBase.UnprocessableEntity(ModelStateDictionary)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity\(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.unprocessableentity#microsoft-aspnetcore-mvc-controllerbase-unprocessableentity(microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary)))
`ControllerBase.Conflict()` (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict>)
`ControllerBase.Conflict(object)` ([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.conflict#microsoft-aspnetcore-mvc-controllerbase-conflict(system-object)))
`ControllerBase.Conflict(ModelStateDictionary)`
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`ControllerBase.Problem(string, string, int?, string, string)`
<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problem>)
`ControllerBase.ValidationProblem(ValidationProblemDetails)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(microsoft-aspnetcore-mvc-validationproblemdetails\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(microsoft-aspnetcore-mvc-validationproblemdetails)))
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`ControllerBase.ValidationProblem()`
<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem>)
`ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem\(system-string-system-string-system-nullable\(\(system-int32\)\)-system-string-system-string-microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.validationproblem#microsoft-aspnetcore-mvc-controllerbase-validationproblem(system-string-system-string-system-nullable((system-int32))-system-string-system-string-microsoft-aspnetcore-mvc-modelbinding-modelstatedictionary)))
`ControllerBase.Created()` (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.created#microsoft-aspnetcore-mvc-controllerbase-created>)
`ControllerBase.Created(string, object)`
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[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.created#microsoft-aspnetcore-mvc-controllerbase-created\(system-uri-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.created#microsoft-aspnetcore-mvc-controllerbase-created(system-uri-system-object)))
`ControllerBase.CreatedAtAction(string, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdataction#microsoft-aspnetcore-mvc-controllerbase-createdataction\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdataction#microsoft-aspnetcore-mvc-controllerbase-createdataction(system-string-system-object)))
`ControllerBase.CreatedAtAction(string, object, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdataction#microsoft-aspnetcore-mvc-controllerbase-createdataction\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdataction#microsoft-aspnetcore-mvc-controllerbase-createdataction(system-string-system-object-system-object)))
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[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdataction#microsoft-aspnetcore-mvc-controllerbase-createdataction\(system-string-system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdataction#microsoft-aspnetcore-mvc-controllerbase-createdataction(system-string-system-string-system-object-system-object)))
`ControllerBase.CreatedAtRoute(string, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdatroutef#microsoft-aspnetcore-mvc-controllerbase-createdatroutef\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdatroutef#microsoft-aspnetcore-mvc-controllerbase-createdatroutef(system-string-system-object)))
`ControllerBase.CreatedAtRoute(object, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdatroutef#microsoft-aspnetcore-mvc-controllerbase-createdatroutef\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdatroutef#microsoft-aspnetcore-mvc-controllerbase-createdatroutef(system-object-system-object)))
`ControllerBase.CreatedAtRoute(string, object, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdatroutef#microsoft-aspnetcore-mvc-controllerbase-createdatroutef\(system-string-system-object-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.createdatroutef#microsoft-aspnetcore-mvc-controllerbase-createdatroutef(system-string-system-object-system-object)))
`ControllerBase.Accepted()` (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.accepted#microsoft-aspnetcore-mvc-controllerbase-accepted>)
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`ControllerBase.Accepted(string, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.accepted#microsoft-aspnetcore-mvc-controllerbase-accepted\(system-string-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.accepted#microsoft-aspnetcore-mvc-controllerbase-accepted(system-string-system-object)))
`ControllerBase.Accepted(Uri, object)`
[https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.accepted#microsoft-aspnetcore-mvc-controllerbase-accepted\(system-uri-system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.accepted#microsoft-aspnetcore-mvc-controllerbase-accepted(system-uri-system-object)))

[illegible]

signout(microsoft-aspnetcore-authentication-authenticationproperties))
ControllerBase.SignOut(params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(system-string\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(system-string())))
ControllerBase.SignOut(AuthenticationProperties, params string[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout\(microsoft-aspnetcore-authentication-authenticationproperties-system-string\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.signout#microsoft-aspnetcore-mvc-controllerbase-signout(microsoft-aspnetcore-authentication-authenticationproperties-system-string())))
ControllerBase.TryUpdateModelAsync<TModel>(TModel)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0)))
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string)))
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider)
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([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-linq-expressions-expression((system-func((-0-system-object))))())))
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-system-func\(\(microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean)))))
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[])
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression\(\(system-func\(\(-0-system-object\)\)\)\)\(\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-linq-expressions-expression((system-func((-0-system-object))))())))
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1\(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func\(\(microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync-1(-0-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean)))))
ControllerBase.TryUpdateModelAsync(object, Type, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync\(system-object-system-type-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string)))
ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync\(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func\(\(microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean\)\)\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryupdatemodelasync#microsoft-aspnetcore-mvc-controllerbase-tryupdatemodelasync(system-object-system-type-system-string-microsoft-aspnetcore-mvc-modelbinding-ivalueprovider-system-func((microsoft-aspnetcore-mvc-modelbinding-modelmetadata-system-boolean)))))
ControllerBase.TryValidateModel(object)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel\(system-object\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object)))
ControllerBase.TryValidateModel(object, string)
([https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel\(system-object-system-string\)](https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.tryvalidatemodel#microsoft-aspnetcore-mvc-controllerbase-tryvalidatemodel(system-object-system-string)))
ControllerBase.HttpContext (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.httpcontext>)
ControllerBase.Request (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.request>)
ControllerBase.Response (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.response>)
ControllerBase.RouteData (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.routedata>)
ControllerBase.ModelState (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelstate>)
ControllerBase.ControllerContext (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.controllercontext>)
ControllerBase.MetadataProvider (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.metadataprovider>)
ControllerBase.ModelBinderFactory
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.modelbinderfactory>)
ControllerBase.Url (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.url>)
ControllerBase.ObjectValidator (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.objectvalidator>)
ControllerBase.ProblemDetailsFactory
(<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.problemdetailsfactory>)
ControllerBase.User (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.user>)
ControllerBase.Empty (<https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.controllerbase.empty>)
object.Equals(object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object)))
object.Equals(object, object) ([https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals\(system-object-system-object\)](https://learn.microsoft.com/dotnet/api/system.object.equals#system-object-equals(system-object-system-object)))
object.GetHashCode() (<https://learn.microsoft.com/dotnet/api/system.object.gethashcode>)
object.GetType() (<https://learn.microsoft.com/dotnet/api/system.object.gettype>)
object.MemberwiseClone() (<https://learn.microsoft.com/dotnet/api/system.object.memberwiseclone>)
object.ReferenceEquals(object, object) (<https://learn.microsoft.com/dotnet/api/system.object.referenceequals>)
object.ToString() (<https://learn.microsoft.com/dotnet/api/system.object.tostring>)

Namespace: YourService (YourService.html).Controllers (YourService.Controllers.html)

Assembly: AdminPart.dll

Syntax

```
[Route("internal")]
[ApiController]
public class TokenValidationController : ControllerBase
```

Constructors

TokenValidationController(IConfiguration, ILogger<TokenValidationController>)

Declaration

```
public TokenValidationController(IConfiguration configuration, ILogger<TokenValidationController> logger)
```

Parameters

Type	Name	Description
IConfiguration (https://learn.microsoft.com/dotnet/api/microsoft.extensions.configuration.iconfiguration)	<i>configuration</i>	
ILogger (https://learn.microsoft.com/dotnet/api/microsoft.extensions.logging.ilogger-1)<TokenValidationController (YourService.Controllers.TokenValidationController.html)>	<i>logger</i>	

Methods

ValidateToken()

Validates the provided authentication token.

Declaration

```
[HttpGet("validate-token")]
public IActionResult ValidateToken()
```

Returns

Type	Description
IActionResult (https://learn.microsoft.com/dotnet/api/microsoft.aspnetcore.mvc.iactionresult)	200 OK if the token is valid, 401 Unauthorized if invalid, or 500 Internal Server Error if an exception occurs.

Remarks

This endpoint expects the authentication token to be provided via a cookie named "auth_token". The token is validated using a secret key from AzureKeyVault, issuer, and audience values from Docker secrets.