

Namespace haveaseat.Controllers

Classes

[ForbiddenDateController](#)

This controller handles forbidden date related operations such as adding, editing, deleting and retrieving forbidden date information.

Class ForbiddenDateController

Namespace: [haveaseat.Controllers](#)

Assembly: haveaseat-api.dll

This controller handles forbidden date related operations such as adding, editing, deleting and retrieving forbidden date information.

```
[ApiController]
[Route("api/[controller]")]
public class ForbiddenDateController : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← [ForbiddenDateController](#)

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,

[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,
 [ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, string, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,

[ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

ForbiddenDateController(IForbiddenDateRepository)

This controller handles forbidden date related operations such as adding, editing, deleting and retrieving forbidden date information.

```
public ForbiddenDateController(IForbiddenDateRepository forbiddenDateRepository)
```

Parameters

forbiddenDateRepository [IForbiddenDateRepository](#)

The IFORBIDDENDATErepository instance used for accessing methods to manipulate forbidden date data.

See Also

[ForbiddenDate](#), [ForbiddenDateRepository](#).

Methods

AddForbiddenDate(NewForbiddenDateDTO)

This task adds a forbidden date with the data provided from the HTTP POST request.

```
[HttpPost("AddForbiddenDate")]
[ProducesResponseType(201)]
[ProducesResponseType(400)]
[ProducesResponseType(500)]
public Task<IActionResult> AddForbiddenDate(NewForbiddenDateDTO newForbiddenDate)
```

Parameters

`newForbiddenDate` [NewForbiddenDateDTO](#)

The ForbiddenDate object containing the details of the forbidden date to be added.

Returns

[Task](#) <[IActionResult](#)>

Returns a Created status if all requirements are met, a BadRequest status if NewForbiddenDateDTO wasn't send, a BadRequest status if forbidden date already exist, an InternalServerError status if the record wasn't added to the database despite all requirements being met,

See Also

[NewForbiddenDateDTO](#)

DeleteForbiddenDateByDate(DateOnly)

This task deletes forbidden date based on the provided date from the HTTP Delete request.

```
[HttpDelete("delete/{date}")]
[ProducesResponseType(typeof(bool), 202)]
[ProducesResponseType(400)]
[ProducesResponseType(500)]
public Task<IActionResult> DeleteForbiddenDateByDate(DateOnly date)
```

Parameters

`date` [DateOnly](#)

The date to be deleted.

Returns

[Task](#) <[IActionResult](#)>

Returns status Accepted and true if all requirements are met, a BadRequest if date wasn't send, a BadRequest if date isn't forbidden, an InternalServerError

EditForbiddenDateByDate(NewForbiddenDateDTO)

```
[HttpPost("EditForbiddenDate")]
[ProducesResponseType(typeof(bool), 200)]
[ProducesResponseType(400)]
[ProducesResponseType(500)]
public Task<IActionResult> EditForbiddenDateByDate(NewForbiddenDateDTO newForbiddenDate)
```

Parameters

`newForbiddenDate` [NewForbiddenDateDTO](#)

Returns

[Task](#) <[IActionResult](#)>

GetAllForbiddenDates()

```
[HttpGet("getAllForbiddenDates")]
[ProducesResponseType(typeof(List<ForbiddenDateDTO>), 200)]
public Task<IActionResult> GetAllForbiddenDates()
```

Returns

[Task](#) <[IActionResult](#)>

GetForbiddenDateByDate(DateOnly)

```
[HttpGet("GetByDate/{date}")]
[ProducesResponseType(typeof(ForbiddenDateDTO), 200)]
[ProducesResponseType(404)]
public Task<IActionResult> GetForbiddenDateByDate(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#) <[IActionResult](#)>

GetForbiddenDateById(long)

```
[HttpGet("GetById/{id}")]
[ProducesResponseType(typeof(UserDTO), 200)]
[ProducesResponseType(404)]
public Task<IActionResult> GetForbiddenDateById(long id)
```

Parameters

id [long](#)

Returns

[Task](#) <[IActionResult](#)>

See Also

[ForbiddenDate](#)

[ForbiddenDateRepository](#)

Namespace haveaseat.DTOs

Classes

[CellDTO](#)

[DeskDTO](#)

[ForbiddenDateDTO](#)

[LongTimeReservationToCheckDTO](#)

[NewDeskDTO](#)

[NewForbiddenDateDTO](#)

[NewReservationDTO](#)

[NewUserDTO](#)

[NewUserLoginDTO](#)

[ReservationDTO](#)

[RoomDTO](#)

[RoomDTOCells](#)

[RoomDTODesks](#)

[UserDTO](#)

Class CellDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class CellDTO
```

Inheritance

[object](#) ← CellDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

CellDTO(Cell)

```
public CellDTO(Cell cell)
```

Parameters

cell [Cell](#)

Properties

Border

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

Property Value

[string](#)

Id

```
public long Id { get; set; }
```

Property Value

[long ↗](#)

PositionX

```
public int PositionX { get; set; }
```

Property Value

[int ↗](#)

PositionY

```
public int PositionY { get; set; }
```

Property Value

[int ↗](#)

Class DeskDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class DeskDTO
```

Inheritance

[object](#) ← DeskDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

DeskDTO(Desk)

```
public DeskDTO(Desk desk)
```

Parameters

desk [Desk](#)

Properties

ChairPosition

```
public ChairPosition ChairPosition { get; set; }
```

Property Value

[ChairPosition](#)

Id

```
public long Id { get; set; }
```

Property Value

[long ↗](#)

PositionX

```
public int PositionX { get; set; }
```

Property Value

[int ↗](#)

PositionY

```
public int PositionY { get; set; }
```

Property Value

[int ↗](#)

Class ForbiddenDateDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class ForbiddenDateDTO
```

Inheritance

[object](#) ← ForbiddenDateDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

ForbiddenDateDTO(ForbiddenDate)

```
public ForbiddenDateDTO(ForbiddenDate forbiddenDate)
```

Parameters

forbiddenDate [ForbiddenDate](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

Description

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

Property Value

[string](#) ↗

Id

```
public long Id { get; set; }
```

Property Value

[long](#) ↗

Class LongTimeReservationToCheckDTQ

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class LongTimeReservationToCheckDTQ
```

Inheritance

[object](#) ← LongTimeReservationToCheckDTQ

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

LongTimeReservationToCheckDTQ()

```
[JsonConstructor]  
public LongTimeReservationToCheckDTQ()
```

LongTimeReservationToCheckDTQ(Reservation)

```
public LongTimeReservationToCheckDTQ(Reservation reservation)
```

Parameters

reservation [Reservation](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

User

```
public UserDTO User { get; set; }
```

Property Value

[UserDTO](#)

Class NewDeskDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class NewDeskDTO
```

Inheritance

[object](#) ← NewDeskDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

NewDeskDTO()

```
[JsonConstructor]  
public NewDeskDTO()
```

NewDeskDTO(Desk)

```
public NewDeskDTO(Desk desk)
```

Parameters

desk [Desk](#)

Properties

ChairPosition

```
public ChairPosition ChairPosition { get; set; }
```

Property Value

[ChairPosition](#)

PositionX

```
public int PositionX { get; set; }
```

Property Value

[int](#)

PositionY

```
public int PositionY { get; set; }
```

Property Value

[int](#)

Class NewForbiddenDateDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class NewForbiddenDateDTO
```

Inheritance

[object](#) ← NewForbiddenDateDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

NewForbiddenDateDTO()

```
[JsonConstructor]  
public NewForbiddenDateDTO()
```

NewForbiddenDateDTO(ForbiddenDate)

```
public NewForbiddenDateDTO(ForbiddenDate forbiddenDate)
```

Parameters

forbiddenDate [ForbiddenDate](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

Description

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

Property Value

[string](#)

Class NewReservationDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class NewReservationDTO
```

Inheritance

[object](#) ← NewReservationDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

NewReservationDTO()

```
[JsonConstructor]  
public NewReservationDTO()
```

NewReservationDTO(Reservation)

```
public NewReservationDTO(Reservation reservation)
```

Parameters

reservation [Reservation](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

DeskId

```
public long DeskId { get; set; }
```

Property Value

[long](#)

UserId

```
public long UserId { get; set; }
```

Property Value

[long](#)

Class NewUserDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class NewUserDTO
```

Inheritance

[object](#) ← NewUserDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

NewUserDTO()

```
[JsonConstructor]  
public NewUserDTO()
```

NewUserDTO(User)

```
public NewUserDTO(User user)
```

Parameters

user [User](#)

Properties

Email

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

Property Value

[string ↗](#)

Name

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

Property Value

[string ↗](#)

Password

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

Property Value

[string ↗](#)

Surname

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

Property Value

[string ↗](#)

Class NewUserLoginDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class NewUserLoginDTO
```

Inheritance

[object](#) ← NewUserLoginDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

NewUserLoginDTO()

```
[JsonConstructor]  
public NewUserLoginDTO()
```

NewUserLoginDTO(User)

```
public NewUserLoginDTO(User user)
```

Parameters

user [User](#)

Properties

Email

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

Property Value

[string](#) ↗

Password

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

Property Value

[string](#) ↗

Class ReservationDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class ReservationDTO
```

Inheritance

[object](#) ← ReservationDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

ReservationDTO(Reservation)

```
public ReservationDTO(Reservation reservation)
```

Parameters

reservation [Reservation](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

Desk

```
public DeskDTO Desk { get; set; }
```

Property Value

[DeskDTO](#)

Id

```
public long Id { get; set; }
```

Property Value

[long](#)

User

```
public UserDTO User { get; set; }
```

Property Value

[UserDTO](#)

Class RoomDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class RoomDTO
```

Inheritance

[object](#) ← RoomDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

RoomDTO(Room)

```
public RoomDTO(Room room)
```

Parameters

room [Room](#)

Properties

Cells

```
public List<CellDTO> Cells { get; }
```

Property Value

[List](#) <[CellDTO](#)>

Desks

```
public List<DeskDTO> Desks { get; }
```

Property Value

[List](#) <[DeskDTO](#)>

Id

```
public long Id { get; set; }
```

Property Value

[long](#)

Name

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

Property Value

[string](#)

Class RoomDTOCells

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class RoomDTOCells
```

Inheritance

[object](#) ← RoomDTOCells

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

RoomDTOCells(Room)

```
public RoomDTOCells(Room room)
```

Parameters

room [Room](#)

Properties

Cells

```
public List<CellDTO> Cells { get; }
```

Property Value

[List](#) <[CellDTO](#)>

Id

```
public long Id { get; set; }
```

Property Value

[long ↗](#)

Name

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

Property Value

[string ↗](#)

Class RoomDTODesks

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class RoomDTODesks
```

Inheritance

[object](#) ← RoomDTODesks

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

RoomDTODesks(Room)

```
public RoomDTODesks(Room room)
```

Parameters

room [Room](#)

Properties

Desks

```
public List<DeskDTO> Desks { get; }
```

Property Value

[List](#)<[DeskDTO](#)>

Id

```
public long Id { get; set; }
```

Property Value

[long ↗](#)

Name

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

Property Value

[string ↗](#)

Class UserDTO

Namespace: [haveaseat.DTOs](#)

Assembly: haveaseat-api.dll

```
public class UserDTO
```

Inheritance

[object](#) ← UserDTO

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

UserDTO(User)

```
public UserDTO(User user)
```

Parameters

user [User](#)

Properties

Email

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

Property Value

[string](#)

Id

```
public long Id { get; set; }
```

Property Value

[long](#) ↗

Name

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

Property Value

[string](#) ↗

Role

```
public Role Role { get; set; }
```

Property Value

[Role](#)

Surname

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

Property Value

[string](#) ↗

Namespace have a set of DbContexts

Classes

[DataContext](#)

Class DataContext

Namespace: [haveaseat.DbContexts](#)

Assembly: haveaseat-api.dll

```
public class DataContext : DbContext, IInfrastructure<IServiceProvider>,
IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService,
IDisposable, IAsyncDisposable
```

Inheritance

[object](#) ↗ ← [DbContext](#) ↗ ← DataContext

Implements

[IInfrastructure](#) ↗ <[IServiceProvider](#) ↗>, [IDbContextDependencies](#) ↗, [IDbSetCache](#) ↗, [IDbContextPoolable](#) ↗, [IResettableService](#) ↗, [IDisposable](#) ↗, [IAsyncDisposable](#) ↗

Inherited Members

[DbContext.Set](#)< TEntity >() ↗ , [DbContext.Set](#)< TEntity >(string) ↗ ,
[DbContext.ConfigureConventions](#)([ModelConfigurationBuilder](#)) ↗ , [DbContext.SaveChanges](#)() ↗ ,
[DbContext.SaveChanges](#)(bool) ↗ , [DbContext.SaveChangesAsync](#)([CancellationToken](#)) ↗ ,
[DbContext.SaveChangesAsync](#)(bool, [CancellationToken](#)) ↗ , [DbContext.Dispose](#)() ↗ ,
[DbContext.DisposeAsync](#)() ↗ , [DbContext.Entry](#)< TEntity >(TEntity) ↗ , [DbContext.Entry](#)(object) ↗ ,
[DbContext.Add](#)< TEntity >(TEntity) ↗ , [DbContext.AddAsync](#)< TEntity >(TEntity, [CancellationToken](#)) ↗ ,
[DbContext.Attach](#)< TEntity >(TEntity) ↗ , [DbContext.Update](#)< TEntity >(TEntity) ↗ ,
[DbContext.Remove](#)< TEntity >(TEntity) ↗ , [DbContext.Add](#)(object) ↗ ,
[DbContext.AddAsync](#)(object, [CancellationToken](#)) ↗ , [DbContext.Attach](#)(object) ↗ ,
[DbContext.Update](#)(object) ↗ , [DbContext.Remove](#)(object) ↗ , [DbContext.AddRange](#)(params object[]) ↗ ,
[DbContext.AddRangeAsync](#)(params object[]) ↗ , [DbContext.AttachRange](#)(params object[]) ↗ ,
[DbContext.UpdateRange](#)(params object[]) ↗ , [DbContext.RemoveRange](#)(params object[]) ↗ ,
[DbContext.AddRange](#)([IEnumerable](#)< object >) ↗ ,
[DbContext.AddRangeAsync](#)([IEnumerable](#)< object >, [CancellationToken](#)) ↗ ,
[DbContext.AttachRange](#)([IEnumerable](#)< object >) ↗ , [DbContext.UpdateRange](#)([IEnumerable](#)< object >) ↗ ,
[DbContext.RemoveRange](#)([IEnumerable](#)< object >) ↗ , [DbContext.Find](#)([Type](#), params object[]) ↗ ,
[DbContext.FindAsync](#)([Type](#), params object[]) ↗ ,
[DbContext.FindAsync](#)([Type](#), object[], [CancellationToken](#)) ↗ , [DbContext.Find](#)< TEntity >(params object[]) ↗ ,
[DbContext.FindAsync](#)< TEntity >(params object[]) ↗ ,
[DbContext.FindAsync](#)< TEntity >(object[], [CancellationToken](#)) ↗ ,
[DbContext.FromExpression](#)< TResult >([Expression](#)< Func< IQueryble< TResult > >>) ↗ ,
[DbContext.Database](#) ↗ , [DbContext.ChangeTracker](#) ↗ , [DbContext.Model](#) ↗ , [DbContext.ContextId](#) ↗ ,

[DbContext.SavingChanges](#) , [DbContext.SavedChanges](#) , [DbContext.SaveChanges](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

DataContext(IConfiguration)

```
public DataContext(IConfiguration configuration)
```

Parameters

configuration [IConfiguration](#)

Properties

Area

```
public DbSet<Area> Area { get; set; }
```

Property Value

[DbSet](#)<Area>

Cells

```
public DbSet<Cell> Cells { get; set; }
```

Property Value

[DbSet](#)<Cell>

Desks

```
public DbSet<Desk> Desks { get; set; }
```

Property Value

[DbSet](#) <[Desk](#)>

ForbiddenDates

```
public DbSet<ForbiddenDate> ForbiddenDates { get; set; }
```

Property Value

[DbSet](#) <[ForbiddenDate](#)>

Reservations

```
public DbSet<Reservation> Reservations { get; set; }
```

Property Value

[DbSet](#) <[Reservation](#)>

Rooms

```
public DbSet<Room> Rooms { get; set; }
```

Property Value

[DbSet](#) <[Room](#)>

Users

```
public DbSet<User> Users { get; set; }
```

Property Value

[DbSet](#) <User>

Methods

OnConfiguring(DbContextOptionsBuilder)

Override this method to configure the database (and other options) to be used for this context. This method is called for each instance of the context that is created. The base implementation does nothing.

```
protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)
```

Parameters

optionsBuilder [DbContextOptionsBuilder](#)

A builder used to create or modify options for this context. Databases (and other extensions) typically define extension methods on this object that allow you to configure the context.

Remarks

In situations where an instance of [DbContextOptions](#) may or may not have been passed to the constructor, you can use [IsConfigured](#) to determine if the options have already been set, and skip some or all of the logic in [OnConfiguring\(DbContextOptionsBuilder\)](#).

See [DbContext lifetime, configuration, and initialization](#) for more information and examples.

OnModelCreating(ModelBuilder)

Override this method to further configure the model that was discovered by convention from the entity types exposed in [DbSet< TEntity >](#) properties on your derived context. The resulting model may be cached and re-used for subsequent instances of your derived context.

```
protected override void OnModelCreating(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` [ModelBuilder](#)

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.

Remarks

If a model is explicitly set on the options for this context (via [UseModel\(IModel\)](#)) then this method will not be run. However, it will still run when creating a compiled model.

See [Modeling entity types and relationships](#) for more information and examples.

Namespace haveaseat.Entities

Classes

[Area](#)

[Cell](#)

[Desk](#)

[ForbiddenDate](#)

[Reservation](#)

[Room](#)

[User](#)

Class Area

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class Area
```

Inheritance

[object](#) ← Area

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Height

```
public int Height { get; set; }
```

Property Value

[int](#)

Id

```
public short Id { get; set; }
```

Property Value

[short](#)

Width

```
public int Width { get; set; }
```

Property Value

[int ↗](#)

Class Cell

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class Cell
```

Inheritance

[object](#) ← Cell

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Border

```
[MaxLength(50)]  
public string Border { get; set; }
```

Property Value

[string](#)

Id

```
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]  
[Key]  
public long Id { get; set; }
```

Property Value

[long](#)

PositionX

```
public int PositionX { get; set; }
```

Property Value

[int ↗](#)

PositionY

```
public int PositionY { get; set; }
```

Property Value

[int ↗](#)

Room

```
public Room Room { get; set; }
```

Property Value

[Room](#)

RoomId

```
public long RoomId { get; set; }
```

Property Value

[long ↗](#)

Class Desk

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class Desk
```

Inheritance

[object](#) ← Desk

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

ChairPosition

```
public ChairPosition ChairPosition { get; set; }
```

Property Value

[ChairPosition](#)

Id

```
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]  
[Key]  
public long Id { get; set; }
```

Property Value

[long](#)

PositionX

```
public int PositionX { get; set; }
```

Property Value

[int ↗](#)

PositionY

```
public int PositionY { get; set; }
```

Property Value

[int ↗](#)

Reservations

```
public ICollection<Reservation> Reservations { get; }
```

Property Value

[ICollection ↗ <Reservation>](#)

Room

```
public Room Room { get; set; }
```

Property Value

[Room](#)

RoomId

```
public long RoomId { get; set; }
```

Property Value

[long](#) ↗

Class ForbiddenDate

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class ForbiddenDate
```

Inheritance

[object](#) ← ForbiddenDate

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

Description

```
[MaxLength(140)]  
public string Description { get; set; }
```

Property Value

[string](#)

Id

```
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]  
[Key]  
public long Id { get; set; }
```

Property Value

[long](#) ↗

Class Reservation

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class Reservation
```

Inheritance

[object](#) ← Reservation

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Date

```
public DateOnly Date { get; set; }
```

Property Value

[DateOnly](#)

Desk

```
public Desk Desk { get; set; }
```

Property Value

[Desk](#)

DeskId

```
public long DeskId { get; set; }
```

Property Value

[long](#)

Id

```
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]  
[Key]  
public long Id { get; set; }
```

Property Value

[long](#)

User

```
public User User { get; set; }
```

Property Value

[User](#)

UserId

```
public long UserId { get; set; }
```

Property Value

[long](#)

Class Room

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class Room
```

Inheritance

[object](#) ← Room

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Cells

```
public ICollection<Cell> Cells { get; }
```

Property Value

[ICollection](#)<[Cell](#)>

Desks

```
public ICollection<Desk>? Desks { get; }
```

Property Value

[ICollection](#)<[Desk](#)>

Id

```
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]  
[Key]  
public long Id { get; set; }
```

Property Value

[long](#) ↗

Name

```
[MaxLength(4)]  
public string Name { get; set; }
```

Property Value

[string](#) ↗

Class User

Namespace: [haveaseat.Entities](#)

Assembly: haveaseat-api.dll

```
public class User
```

Inheritance

[object](#) ← User

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Email

```
[MaxLength(45)]  
public string Email { get; set; }
```

Property Value

[string](#)

Id

```
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]  
[Key]  
public long Id { get; set; }
```

Property Value

[long](#)

Name

```
[MaxLength(60)]  
public string Name { get; set; }
```

Property Value

[string](#)

Password

```
[MaxLength(255)]  
public string Password { get; set; }
```

Property Value

[string](#)

Reservations

```
public ICollection<Reservation> Reservations { get; }
```

Property Value

[ICollection](#) <[Reservation](#)>

Role

```
public Role Role { get; set; }
```

Property Value

[Role](#)

Surname

```
[MaxLength(60)]  
public string Surname { get; set; }
```

Property Value

[string ↗](#)

salt

```
[Required]  
[MaxLength(255)]  
public string salt { get; set; }
```

Property Value

[string ↗](#)

Namespace haveaseat.Models

Enums

[ChairPosition](#)

[Role](#)

Enum ChairPosition

Namespace: [haveaseat.Models](#)

Assembly: haveaseat-api.dll

```
public enum ChairPosition
```

Fields

BOTTOM = 2

LEFT = 3

RIGHT = 1

TOP = 0

Enum Role

Namespace: [haveaseat.Models](#)

Assembly: haveaseat-api.dll

```
public enum Role
```

Fields

ADMIN = 0

EMPLOYEE = 1

Namespace haveaseat.Repositories

Classes

[AuthenticationRepository](#)

[ForbiddenDateRepository](#)

[MapRepository](#)

[ReservationRepository](#)

Class AuthenticationRepository

Namespace: [haveaseat.Repositories](#)

Assembly: haveaseat-api.dll

```
public class AuthenticationRepository : IAuthenticationRepository
```

Inheritance

[object](#) ← AuthenticationRepository

Implements

[IAuthenticationRepository](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

AuthenticationRepository(DataContext)

```
public AuthenticationRepository(DataContext context)
```

Parameters

context [DataContext](#)

Methods

GetSaltByEmail(string)

```
public Task<string> GetSaltByEmail(string email)
```

Parameters

email [string](#)

Returns

[Task](#) <[string](#)>

GetUserByEmail(string)

```
public Task<UserDTO> GetUserByEmail(string email)
```

Parameters

`email` [string](#)

Returns

[Task](#) <[UserDTO](#)>

GetUserById(long)

```
public Task<UserDTO> GetUserById(long id)
```

Parameters

`id` [long](#)

Returns

[Task](#) <[UserDTO](#)>

LoginUser(NewUserLoginDTO)

```
public Task<bool> LoginUser(NewUserLoginDTO user)
```

Parameters

user [NewUserLoginDTO](#)

Returns

[Task](#) <[bool](#)>

RegisterUser(NewUserDTO, string)

```
public Task<string> RegisterUser(NewUserDTO user, string Salt)
```

Parameters

user [NewUserDTO](#)

Salt [string](#)

Returns

[Task](#) <[string](#)>

Class ForbiddenDateRepository

Namespace: [haveaseat.Repositories](#)

Assembly: haveaseat-api.dll

```
public class ForbiddenDateRepository : IForbiddenDateRepository
```

Inheritance

[object](#) ← ForbiddenDateRepository

Implements

[IForbiddenDateRepository](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

ForbiddenDateRepository(DataContext)

```
public ForbiddenDateRepository(DataContext context)
```

Parameters

context [DataContext](#)

Methods

AddForbiddenDate(NewForbiddenDateDTO)

```
public Task<NewForbiddenDateDTO> AddForbiddenDate(NewForbiddenDateDTO newForbiddenDate)
```

Parameters

newForbiddenDate [NewForbiddenDateDTO](#)

Returns

[Task](#) <[NewForbiddenDateDTO](#)>

DeleteForbiddenDateByDate(DateOnly)

public Task<bool> DeleteForbiddenDateByDate(DateOnly date)

Parameters

date [DateOnly](#)

Returns

[Task](#) <[bool](#)>

EditForbiddenDateByDate(NewForbiddenDateDTO)

public Task<bool> EditForbiddenDateByDate(NewForbiddenDateDTO newForbiddenDate)

Parameters

newForbiddenDate [NewForbiddenDateDTO](#)

Returns

[Task](#) <[bool](#)>

GetAllForbiddenDates()

public Task<List<ForbiddenDateDTO>> GetAllForbiddenDates()

Returns

[Task](#) <[List](#) <[ForbiddenDateDTO](#)>>

GetForbiddenDateByDate(DateOnly)

```
public Task<ForbiddenDateDTO> GetForbiddenDateByDate(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#) <ForbiddenDateDTO>

GetForbiddenDateById(long)

```
public Task<ForbiddenDateDTO> GetForbiddenDateById(long id)
```

Parameters

id [long](#)

Returns

[Task](#) <ForbiddenDateDTO>

Class MapRepository

Namespace: [haveaseat.Repositories](#)

Assembly: haveaseat-api.dll

```
public class MapRepository : IMapRepository
```

Inheritance

[object](#) ← MapRepository

Implements

[IMapRepository](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

MapRepository(DataContext)

```
public MapRepository(DataContext context)
```

Parameters

context [DataContext](#)

Methods

AddNewDesk(NewDeskDTO, Cell)

```
public Task<bool> AddNewDesk(NewDeskDTO newDesk, Cell cell)
```

Parameters

newDesk [NewDeskDTO](#)

`cell` [Cell](#)

Returns

[Task](#) <[bool](#)>

DeleteDesk(NewDeskDTO)

```
public Task<bool> DeleteDesk(NewDeskDTO deskDTO)
```

Parameters

`deskDTO` [NewDeskDTO](#)

Returns

[Task](#) <[bool](#)>

EditChairPositionByDeskPosition(int, int, ChairPosition)

```
public Task<bool> EditChairPositionByDeskPosition(int positonX, int positonY,  
ChairPosition chairPosition)
```

Parameters

`positonX` [int](#)

`positonY` [int](#)

`chairPosition` [ChairPosition](#)

Returns

[Task](#) <[bool](#)>

GetAllDesks()

```
public Task<List<RoomDTODesks>> GetAllDesks()
```

Returns

[Task](#) <[List](#) <[RoomDTODesks](#)>>

GetAllMap()

```
public Task<List<RoomDTO>> GetAllMap()
```

Returns

[Task](#) <[List](#) <[RoomDTO](#)>>

GetAllRooms()

```
public Task<List<RoomDTOCells>> GetAllRooms()
```

Returns

[Task](#) <[List](#) <[RoomDTOCells](#)>>

GetCellByPosition(int, int)

```
public Task<Cell> GetCellByPosition(int positionX, int positionY)
```

Parameters

positionX [int](#)

positionY [int](#)

Returns

[Task](#) <[Cell](#)>

Class ReservationRepository

Namespace: [haveaseat.Repositories](#)

Assembly: haveaseat-api.dll

```
public class ReservationRepository : IReservationRepository
```

Inheritance

[object](#) ← ReservationRepository

Implements

[IReservationRepository](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

ReservationRepository(DataContext)

```
public ReservationRepository(DataContext context)
```

Parameters

context [DataContext](#)

Methods

DeleteReservationById(long)

```
public Task<bool> DeleteReservationById(long reservationId)
```

Parameters

reservationId [long](#)

Returns

[Task](#) <[bool](#)>

GetAllUsersFromReservationsByDate(DateOnly)

```
public Task<List<UserDTO>> GetAllUsersFromReservationsByDate(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#) <[List](#) <[UserDTO](#)>>

GetReservationsByDay(DateOnly)

```
public Task<List<ReservationDTO>> GetReservationsByDay(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#) <[List](#) <[ReservationDTO](#)>>

GetReservationsByUserEmail(string)

```
public Task<List<ReservationDTO>> GetReservationsByUserEmail(string email)
```

Parameters

email [string](#)

Returns

[Task](#) <[List](#) <[ReservationDTO](#)>>

InsertReservations(NewReservationDTO)

public Task<NewReservationDTO> **InsertReservations**(NewReservationDTO reservation)

Parameters

reservation [NewReservationDTO](#)

Returns

[Task](#) <[NewReservationDTO](#)>

longTimeReservationToCheckDTQByDeskId(long)

public Task<List<LongTimeReservationToCheckDTQ>> **longTimeReservationToCheckDTQByDeskId**(**long** id)

Parameters

id [long](#)

Returns

[Task](#) <[List](#) <[LongTimeReservationToCheckDTQ](#)>>

Namespace haveaseat.Repositories.Interfaces Interfaces

[IAuthenticationRepository](#)

[IForbiddenDateRepository](#)

[IMapRepository](#)

[IReservationRepository](#)

Interface IAuthenticationRepository

Namespace: [haveaseat.Repositories.Interfaces](#)

Assembly: haveaseat-api.dll

```
public interface IAuthenticationRepository
```

Methods

GetSaltByEmail(string)

```
Task<string> GetSaltByEmail(string email)
```

Parameters

`email` [string](#)

Returns

[Task](#) <[string](#)>

GetUserByEmail(string)

```
Task<UserDTO> GetUserByEmail(string email)
```

Parameters

`email` [string](#)

Returns

[Task](#) <[UserDTO](#)>

GetUserById(long)

Task<UserDTO> **GetUserById**(long id)

Parameters

id [long](#)

Returns

[Task](#)<[UserDTO](#)>

LoginUser(NewUserLoginDTO)

Task<bool> **LoginUser**(NewUserLoginDTO user)

Parameters

user [NewUserLoginDTO](#)

Returns

[Task](#)<[bool](#)>

RegisterUser(NewUserDTO, string)

Task<string> **RegisterUser**(NewUserDTO user, string Salt)

Parameters

user [NewUserDTO](#)

Salt [string](#)

Returns

[Task](#)<[string](#)>

Interface IForbiddenDateRepository

Namespace: [haveaseat.Repositories.Interfaces](#)

Assembly: haveaseat-api.dll

```
public interface IForbiddenDateRepository
```

Methods

AddForbiddenDate(NewForbiddenDateDTO)

Task<NewForbiddenDateDTO> **AddForbiddenDate**(NewForbiddenDateDTO newForbiddenDate)

Parameters

newForbiddenDate [NewForbiddenDateDTO](#)

Returns

[Task](#) <[NewForbiddenDateDTO](#)>

DeleteForbiddenDateByDate(DateOnly)

Task<bool> **DeleteForbiddenDateByDate**(DateOnly date)

Parameters

date [DateOnly](#)

Returns

[Task](#) <[bool](#)>

EditForbiddenDateByDate(NewForbiddenDateDTO)

Task<bool> **EditForbiddenDateByDate**(NewForbiddenDateDTO newForbiddenDate)

Parameters

newForbiddenDate [NewForbiddenDateDTO](#)

Returns

[Task](#)<[bool](#)>

GetAllForbiddenDates()

Task<List<ForbiddenDateDTO>> **GetAllForbiddenDates**()

Returns

[Task](#)<[List](#)<[ForbiddenDateDTO](#)>>

GetForbiddenDateByDate(DateOnly)

Task<ForbiddenDateDTO> **GetForbiddenDateByDate**(DateOnly date)

Parameters

date [DateOnly](#)

Returns

[Task](#)<[ForbiddenDateDTO](#)>

GetForbiddenDateById(long)

Task<ForbiddenDateDTO> **GetForbiddenDateById**(long id)

Parameters

id [long](#)

Returns

[Task](#) <[ForbiddenDateDTO](#)>

Interface IMapRepository

Namespace: [haveaseat.Repositories.Interfaces](#)

Assembly: haveaseat-api.dll

```
public interface IMapRepository
```

Methods

AddNewDesk(NewDeskDTO, Cell)

```
Task<bool> AddNewDesk(NewDeskDTO newDesk, Cell cell)
```

Parameters

`newDesk` [NewDeskDTO](#)

`cell` [Cell](#)

Returns

[Task](#) <[bool](#)>

DeleteDesk(NewDeskDTO)

```
Task<bool> DeleteDesk(NewDeskDTO deskDTO)
```

Parameters

`deskDTO` [NewDeskDTO](#)

Returns

[Task](#) <[bool](#)>

EditChairPositionByDeskPosition(int, int, ChairPosition)

```
Task<bool> EditChairPositionByDeskPosition(int positonX, int positonY,  
ChairPosition chairPosition)
```

Parameters

positonX [int](#)

positonY [int](#)

chairPosition [ChairPosition](#)

Returns

[Task](#) <[bool](#)>

GetAllDesks()

```
Task<List<RoomDTODesks>> GetAllDesks()
```

Returns

[Task](#) <[List](#) <[RoomDTODesks](#)>>

GetAllMap()

```
Task<List<RoomDTO>> GetAllMap()
```

Returns

[Task](#) <[List](#) <[RoomDTO](#)>>

GetAllRooms()

```
Task<List<RoomDTOCells>> GetAllRooms()
```

Returns

[Task](#) <[List](#) <[RoomDTOCells](#)>>

GetCellByPosition(int, int)

```
Task<Cell> GetCellByPosition(int positionX, int positionY)
```

Parameters

positionX [int](#)

positionY [int](#)

Returns

[Task](#) <[Cell](#)>

Interface IReservationRepository

Namespace: [haveaseat.Repositories.Interfaces](#)

Assembly: haveaseat-api.dll

```
public interface IReservationRepository
```

Methods

DeleteReservationById(long)

```
Task<bool> DeleteReservationById(long reservationId)
```

Parameters

reservationId [long](#)

Returns

[Task](#) <[bool](#)>

GetAllUsersFromReservationsByDate(DateOnly)

```
Task<List<UserDTO>> GetAllUsersFromReservationsByDate(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#) <[List](#) <[UserDTO](#)>>

GetReservationsByDay(DateOnly)

```
Task<List<ReservationDTO>> GetReservationsByDay(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#) <[List](#) <[ReservationDTO](#)>>

GetReservationsByUserEmail(string)

```
Task<List<ReservationDTO>> GetReservationsByUserEmail(string email)
```

Parameters

email [string](#)

Returns

[Task](#) <[List](#) <[ReservationDTO](#)>>

InsertReservations(NewReservationDTO)

```
Task<NewReservationDTO> InsertReservations(NewReservationDTO reservation)
```

Parameters

reservation [NewReservationDTO](#)

Returns

[Task](#) <[NewReservationDTO](#)>

longTimeReservationToCheckDTQByDeskId(long)

Task<List<LongTimeReservationToCheckDTQ>> longTimeReservationToCheckDTQByDeskId([long](#) id)

Parameters

[id](#) [long](#)

Returns

[Task](#)<[List](#)<[LongTimeReservationToCheckDTQ](#)>>

Namespace haveaseat_api.Controllers

Classes

[AreaController](#)

This controller provides data from the Area table in the database.

[AuthenticationController](#)

This controller handles user-related operations such as registration, login and retrieving user informations.

[MapController](#)

[ReservationController](#)

Class AreaController

Namespace: [haveaseat_api.Controllers](#)

Assembly: haveaseat-api.dll

This controller provides data from the Area table in the database.

```
[ApiController]
[Route("api/[controller]")]
public class AreaController : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← [AreaController](#)

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
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 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

AreaController(DataContext)

This controller provides data from the Area table in the database.

```
public AreaController(DataContext _context)
```

Parameters

_context [DataContext](#)

The DataContext instance used to interact with the database.

See Also

[Area](#), [DataContext](#)

Methods

GetArea()

This task provides Area object by http request at */GetArea

```
[HttpGet("GetArea")]
[ProducesResponseType(typeof(Area), 200)]
public Task< IActionResult > GetArea()
```

Returns

[Task](#) <[IActionResult](#)>

Returns object of the class Area.

See Also

[Area](#)

[DataContext](#)

Class AuthenticationController

Namespace: [haveaseat_api.Controllers](#)

Assembly: haveaseat-api.dll

This controller handles user-related operations such as registration, login and retrieving user informations.

```
[ApiController]
[Route("api/[controller]")]
public class AuthenticationController : ControllerBase
```

Inheritance

[Object](#) ← [ControllerBase](#) ← AuthenticationController

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
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[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
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[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
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 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
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 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
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 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,

[ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
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 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
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 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
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 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
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 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
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 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
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 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
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 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

AuthenticationController(IAuthenticationRepository)

This controller handles user-related operations such as registration, login and retrieving user informations.

```
public AuthenticationController(IAuthenticationRepository authenticationRepository)
```

Parameters

authenticationRepository [IAuthenticationRepository](#)

The IAuthenticationRepository instance used for accessing methods to manipulate user data.

See Also

[User](#), [IAuthenticationRepository](#)

Methods

GetUserByEmail(string)

This task retrieves user information based on the provided email from the HTTP GET request.

```
[HttpGet("GetByEmail/{email}")]
[ProducesResponseType(typeof(UserDTO), 200)]
[ProducesResponseType(404)]
public Task<IActionResult> GetUserByEmail(string email)
```

Parameters

`email` [string](#)

The email address of the user to retrieve.

Returns

[Task](#)<[IActionResult](#)>

Returns a OK status and UserDTO object if the user exist in the database, a NotFound status if user doesn't exist in database.

See Also

[UserDTO](#)

GetUserById(long)

This task retrieves user information based on the provided id from the HTTP GET request.

```
[HttpGet("GetById/{id}")]
[ProducesResponseType(typeof(UserDTO), 200)]
[ProducesResponseType(404)]
public Task<IActionResult> GetUserById(long id)
```

Parameters

`id` [long](#)

The id of the user to retrieve.

Returns

[Task](#) <IActionResult>

Returns an Ok status and UserDTO object if the user exists in the database, a NotFound status if the user doesn't exist in the database.

See Also

[UserDTO](#)

LoginUser(NewUserLoginDTO)

This tasks logins a user with the data provided from the HTTP POST request.

```
[HttpPost("Login")]
[ProducesResponseType(typeof(bool), 202)]
[ProducesResponseType(400)]
[ProducesResponseType(500)]
public Task<IActionResult> LoginUser(NewUserLoginDTO user)
```

Parameters

user [NewUserLoginDTO](#)

The NewUserLoginDTO object containing the user's login details.

Returns

[Task](#) <IActionResult>

Returns a Accepted status and true if all requirements are met, a BadRequest status if the user already exists, an InternalServerError status if the record wasn't added to the database despite all requirements being met.

See Also

[NewUserLoginDTO](#)

RegisterUser(NewUserDTO)

This tasks registers a user with the data provided from the HTTP POST request.

```
[HttpPost("register")]
[ProducesResponseType(typeof(NewUserDTO), 201)]
[ProducesResponseType(500)]
[ProducesResponseType(400)]
public Task<IActionResult> RegisterUser(NewUserDTO newUser)
```

Parameters

newUser [NewUserDTO](#)

The NewUserDTO object containing the user's registration details.

Returns

[Task](#)<[IActionResult](#)>

Returns a Created status and NewUserDTO object if all requirements are met, a BadRequest status if the user already exists, an InternalServerError status if the record wasn't added to the database despite all requirements being met,

See Also

[NewUserDTO](#)

See Also

[User](#)

[IAuthenticationRepository](#)

Class MapController

Namespace: [haveaseat.api.Controllers](#)

Assembly: haveaseat-api.dll

```
[Route("api/[controller]")]
[ApiController]
public class MapController : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← MapController

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,
[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,
[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
[ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,

[ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
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 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

MapController(IMapRepository)

```
public MapController(IMapRepository mapRepository)
```

Parameters

mapRepository [IMapRepository](#)

Methods

AddNewDesk(NewDeskDTO)

```
[HttpPost("AddNewDesk")]
[ProducesResponseType(typeof(bool), 201)]
[ProducesResponseType(400)]
public Task<IActionResult> AddNewDesk(NewDeskDTO newDeskDTO)
```

Parameters

newDeskDTO [NewDeskDTO](#)

Returns

[Task](#) <[IActionResult](#)>

DeleteDesk(NewDeskDTO)

```
[HttpDelete("DeleteDesk")]
[ProducesResponseType(typeof(bool), 200)]
[ProducesResponseType(400)]
public Task<IActionResult> DeleteDesk(NewDeskDTO deskDTO)
```

Parameters

deskDTO [NewDeskDTO](#)

Returns

[Task](#) <[IActionResult](#)>

EditChairPositionByDeskPosition(int, int, ChairPosition)

```
[HttpPost("EditChairPositionByDeskPosition")]
[ProducesResponseType(typeof(bool), 200)]
[ProducesResponseType(400)]
public Task<IActionResult> EditChairPositionByDeskPosition(int positonX, int positonY,
ChairPosition chairPosition)
```

Parameters

positonX [int](#)

positonY [int](#)

chairPosition [ChairPosition](#)

Returns

[Task](#) <[IActionResult](#)>

GetAllDesks()

```
[HttpGet("getAllDesks")]
[ProducesResponseType(typeof(List<RoomDTODesks>), 200)]
public Task<IActionResult> GetAllDesks()
```

Returns

[Task](#) <[IActionResult](#)>

GetAllMap()

```
[HttpGet("GetAllMap")]
[ProducesResponseType(typeof(List<RoomDTO>), 200)]
public Task<IActionResult> GetAllMap()
```

Returns

[Task](#) <[IActionResult](#)>

GetAllRooms()

```
[HttpGet("getAllRooms")]
[ProducesResponseType(typeof(List<RoomDTOCells>), 200)]
public Task<IActionResult> GetAllRooms()
```

Returns

[Task](#) <[IActionResult](#)>

Class ReservationController

Namespace: [haveaseat_api.Controllers](#)

Assembly: haveaseat-api.dll

```
[ApiController]
[Route("api/[controller]")]
public class ReservationController : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← [ReservationController](#)

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,
[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,
[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
[ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,

[ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

ReservationController(IReservationRepository)

```
public ReservationController(IReservationRepository _reservationRepository)
```

Parameters

_reservationRepository [IReservationRepository](#)

Methods

DeleteReservation(long)

```
[HttpDelete("delete/{id}")]  
[ProducesResponseType(typeof(bool), 202)]  
[ProducesResponseType(400)]  
public Task<IActionResult> DeleteReservation(long id)
```

Parameters

`id` [long](#)

Returns

[Task](#) <[IActionResult](#)>

GetAllReservationsByDeskId(long)

```
[HttpGet("getAllReservationsByDeskId/{id}")]
[ProducesResponseType(typeof(List<LongTimeReservationToCheckDTO>), 200)]
public Task<IActionResult> GetAllReservationsByDeskId(long id)
```

Parameters

`id` [long](#)

Returns

[Task](#) <[IActionResult](#)>

GetAllUsersFromReservationsByDate(DateOnly)

```
[HttpGet("getAllUsersWithReservationByDay/{date}")]
[ProducesResponseType(typeof(List<UserDTO>), 200)]
[ProducesResponseType(400)]
public Task<IActionResult> GetAllUsersFromReservationsByDate(DateOnly date)
```

Parameters

`date` [DateOnly](#)

Returns

[Task](#) <[IActionResult](#)>

InsertReservation(NewReservationDTO)

```
[HttpPost("newReservation")]
[ProducesResponseType(201)]
public Task<IActionResult> InsertReservation(NewReservationDTO reservation)
```

Parameters

reservation [NewReservationDTO](#)

Returns

[Task](#)<[IActionResult](#)>

ReservationsByDate(DateOnly)

```
[HttpGet("getByDay/{date}")]
[ProducesResponseType(typeof(List<ReservationDTO>), 200)]
public Task<IActionResult> ReservationsByDate(DateOnly date)
```

Parameters

date [DateOnly](#)

Returns

[Task](#)<[IActionResult](#)>

ReservationsByEmail(string)

```
[HttpGet("getByEmail/{email}")]
[ProducesResponseType(typeof(List<ReservationDTO>), 200)]
public Task<IActionResult> ReservationsByEmail(string email)
```

Parameters

email [string](#)

Returns

[Task](#) <[IActionResult](#)>

Namespace haveaseat_api.Seeders

Classes

[DeskSeeder](#)

[MapSeeder](#)

Class DeskSeeder

Namespace: [haveaseat.api.Seeders](#)

Assembly: haveaseat-api.dll

```
public static class DeskSeeder
```

Inheritance

[object](#) ← DeskSeeder

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

SeedDesks(WebApplication)

```
public static WebApplication SeedDesks(this WebApplication app)
```

Parameters

app [WebApplication](#)

Returns

[WebApplication](#)

Class MapSeeder

Namespace: [haveaseat.api.Seeders](#)

Assembly: haveaseat-api.dll

```
public static class MapSeeder
```

Inheritance

[object](#) ← MapSeeder

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

SeedMap(WebApplication)

```
public static WebApplication SeedMap(this WebApplication app)
```

Parameters

app [WebApplication](#)

Returns

[WebApplication](#)

Namespace haveaseatapi.Migrations

Classes

[NamesAndSurnames](#)

A base class inherited by each EF Core migration.

Class NamesAndSurnames

Namespace: [haveaseatapi.Migrations](#)

Assembly: haveaseat-api.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(DataContext))]
[Migration("20240906074006_NamesAndSurnames")]
public class NamesAndSurnames : Migration
```

Inheritance

[object](#) ← [Migration](#) ← NamesAndSurnames

Inherited Members

[Migration.InitialDatabase](#) , [Migration.TargetModel](#) , [Migration.UpOperations](#) ,
[Migration.DownOperations](#) , [Migration.ActiveProvider](#) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Remarks

See [Database migrations](#) for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the [TargetModel](#).

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

[modelBuilder](#) [ModelBuilder](#)

The [ModelBuilder](#) to use to build the model.

Remarks

See [Database migrations](#) for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` [MigrationBuilder](#)

The [MigrationBuilder](#) that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from [Migration](#) if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

See [Database migrations](#) for more information and examples.

Up(MigrationBuilder)

Builds the operations that will migrate the database 'up'.

```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` [MigrationBuilder](#)

The [MigrationBuilder](#) that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from [Migration](#).

See [Database migrations](#) for more information and examples.