

DeepDive/API/UnitTests

Documentation



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# Chapter 1

## Namespace Index

### 1.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

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## Chapter 2

# Class Index

### 2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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## Chapter 3

# Namespace Documentation

### 3.1 `UnitTest_Project` Namespace Reference

Represents a wrapper for the application database context used in unit tests.

#### Classes

- class [DbContext](#)  
*Provides methods to create an in-memory database context for unit testing purposes.*

#### 3.1.1 Detailed Description

Represents a wrapper for the application database context used in unit tests.

### 3.2 `UnitTest_Project.Entities` Namespace Reference

#### Classes

- class [UTExcursion](#)  
*Unit test class for testing Excursion functionality.*
  - class [UTExcursionParticipants](#)  
*Unit test class for testing Excursion Participants functionality.*
  - class [UTRegisterDocument](#)  
*Unit test class for testing registration document functionality.*
  - class [UTRegistrationRequest](#)  
*Unit test class for testing registration request functionality.*
-



# Chapter 4

## Class Documentation

### 4.1 `UnitTest_Project.DbContext` Class Reference

Provides methods to create an in-memory database context for unit testing purposes.

#### Public Member Functions

- `DbContext` (string nameDB)  
*Initializes a new instance of the DbContext class with the specified database name.*

#### Properties

- ApplicationDbContext **AppDbContext** [get, set]  
*Gets or sets the application database context.*

#### 4.1.1 Detailed Description

Provides methods to create an in-memory database context for unit testing purposes.

#### 4.1.2 Constructor & Destructor Documentation

##### 4.1.2.1 `DbContext()`

```
UnitTest_Project.DbContext.DbContext (
    string nameDB ) [inline]
```

Initializes a new instance of the DbContext class with the specified database name.

#### Parameters

<code>nameDB</code>	The name of the in-memory database.
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The documentation for this class was generated from the following file:

- DbContext.cs

## 4.2 UnitTest\_Project.Entities.UTExcursion Class Reference

Unit test class for testing Excursion functionality.

### Public Member Functions

- void **AssemblyInit** ()  
*Initializes data for testing.*
- void **TestGetAllExcursions** ()  
*Tests the method to get all Excursions.*
- void **TestAddExcursion** ()  
*Tests the method to add a new Excursion.*
- void **TestDeleteExcursion** ()  
*Tests the method to delete an Excursion.*
- void **TestUpdateExcursion** ()  
*Tests the method to update an Excursion.*

### 4.2.1 Detailed Description

Unit test class for testing Excursion functionality.

The documentation for this class was generated from the following file:

- Entities/UTExcursion.cs

## 4.3 UnitTest\_Project.Entities.UTExcursionParticipants Class Reference

Unit test class for testing Excursion Participants functionality.

### Public Member Functions

- void **AssemblyInit** ()  
*Initializes data for testing.*
  - void **TestExcursionParticipant** ()  
*Test method to add a single participant to an Excursion.*
  - void **TestExcursionParticipants** ()  
*Test method to add multiple participants to an Excursion.*
  - void **TestDeleteParticipant** ()  
*Test method to remove a participant from an Excursion.*
-

### 4.3.1 Detailed Description

Unit test class for testing Excursion Participants functionality.

The documentation for this class was generated from the following file:

- Entities/UTExcursionParticipants.cs

## 4.4 UnitTest\_Project.Entities.UTRegisterDocument Class Reference

Unit test class for testing registration document functionality.

### Public Member Functions

- void **AssemblyInit** ()  
*Initializes data for testing.*
- void **TestAddDocument** ()  
*Test method to add a document to the repository.*
- void **TestGetDocumentsOfUser** ()  
*Test method to retrieve documents of a user from the repository.*
- void **TestDeleteDocument** ()  
*Test method to delete a document from the repository.*

### 4.4.1 Detailed Description

Unit test class for testing registration document functionality.

The documentation for this class was generated from the following file:

- Entities/UTRegisterDocument.cs

## 4.5 UnitTest\_Project.Entities.UTRegistrationRequest Class Reference

Unit test class for testing registration request functionality.

### Public Member Functions

- void **AssemblyInit** ()  
*Initializes data for testing.*
- void **TestAddRegistrationRequest** ()  
*Test method to add a registration request to the repository.*
- void **TestGetRegistrationRequest** ()  
*Test method to retrieve registration requests from the repository.*
- void **TestUpdateRegistrationRequest** ()  
*Test method to update a registration request in the repository.*

### 4.5.1 Detailed Description

Unit test class for testing registration request functionality.

The documentation for this class was generated from the following file:

- Entities/UTRegistrationRequest.cs
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