Gruppo EURIS test C# - MVC

Sommario

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**Project Description**

The project is designed to manage a product list or catalog.

The sample application introduces the most used development technologies of ASP.NET, namely:

* MVC
* Entity Framework
* Linq

# Requisites

Following some requisites needed to develop the test:

1. Don’t create a new solution, use the original one and do the necessary modification on it.
2. Use the SqlServer data base file named LocalDb.mdf present in the EURISTest project’s App\_Data directory. Don’t send the result test with a reference to a personal data base.
3. To maintain the portability of the test, the target framework is .NET 4.5, don’t upgrade it to a new version.
4. The modified test can be sent in two ways:
   1. Via a github link. Create a github project after receiving the test project and work on it to have all the versioning features. At the end send the github link.
   2. Via a WeTransfer link or similar. In this case remove from the project all unnecessary directory, like “packages”, “bin”, ecc... before sending the project.

# Use cases

The application must be developed to meet the following customer needs:

1. The Product view must contain the CRUD functionality of create, read, update and delete. The product can be coupled to multiple catalog.
2. The Catalog view must contain the CRUD functionality of create, read, update and delete. The catalog can be coupled to multiple products.
3. The Catalog view has the products selection function that allow the user to associate one or more products to the catalog.

# Classes Definition

Following is the information for the creation of the project classes.

PRODUCT is configured as follows:

* Code – alphanumeric code identifying the product.
* Description – product description, string.

CATALOG is configured as follows:

* Code – alphanumeric code identifying the catalog.
* Description – catalog description, string.
* Product – list of products.