

ACTIVITY

Repository Pattern CRUD



Instructions



Use your previous MVC application activity in C# and add the following functionalities for a product table:

1. View all records from the database table
2. Add a new record into the database table. Adding a product **MUST** always initialize the quantity value to zero (0)
3. Edit an existing record from the database table. Editing the product **MUST NOT** allow modification of the quantity
4. Permanently remove an existing record from the database table
5. Make modifications to your previously created project named [Last name] – ENTPROG-[Section] (i.e. Sy – ENTPROG-OTIS1)
6. Compress the updated solution as a .zip file (Not .rar or other compression) for submission to the drop box.
7. Modify the layout of the web app and ensure that you make a link available to access the products functions

Important Reminders



- You MUST build the application using entity framework implementing a Repository Pattern
- Make use of the database table specification on the next slide
- Please take note that the database is already available in the online database server
- Review the Repository Pattern CRUD Mastery Rubric to understand how you will be graded

Database Table

Table Name: ProductsINV

Field Name	Data Types and Field Specifications
ProductID	Int – Primary key
Name	Nvarchar(50)
Description	Nvarchar(200)
Qty	Int
Unit	Nvarchar(50)
DateAdded	DateTime
DateModified	DateTime

Note:

- DateAdded should reflect the date and time the record was added (to the second)
- DateModified should reflect the date and time the record was last modified (to the second)