Inventory System

Sifiso Samson 2/26/22

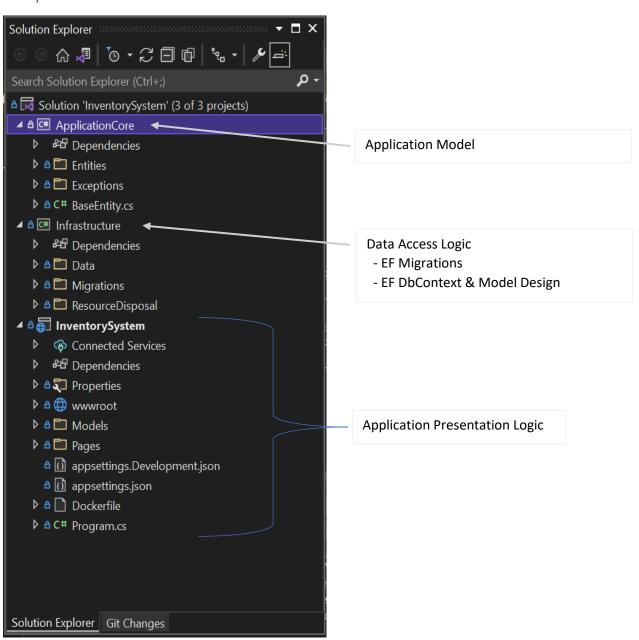
Document Properties

Item	Details
Project	Inventory System
Author	Sifiso
Creation Date	2022/02/26

Technologies

- .NET Core 6.0 framework
- SQLExpress 2019
- Visual Studio 2022 preview
- C# Language, RazorPages, CSS, LINQ, JS
- EF Core Code-First

VS System Structure



Role Catalogue

Role	Description
System	The background processing or functions is performed by the system.
User	The user can create, view, edit, delete the products they added.

UC 1.0 User Role

Use Case ID:	UC 1.0					
Use Case:	User Login F	User Login Role				
Notes:	Provides the	Provides the user with the capability to login.				
Type:	Basic Path					
Scenario:	Basic Path					
	Step	Action				
	1	Login to the Inventory system.				
	2	System Verify the login details.				
	3	User (Exist) System redirect to the Product Report.				
	4	User (Not Exist) System redirect to Provide input validation.				
	5	User can Create View Edit Delete Products.				

Use Case ID: UC 1.1							
Use Case:	User Registe	User Register Role					
Notes:	Provides the	Provides the user with the capability to add register.					
Type:	Basic Path						
Scenario:	Basic Path						
	Step	Action					
	1	Register to the Inventory system.					
	2	System Capture the details and Save to the Database.					
	3	System redirect User to the Login Page.					

Use Case ID: UC 1.2						
Use Case:	Product Rol	Product Role				
Notes:	Provides the	Provides the user with the capability to add Products.				
Type:	Basic Path					
Scenario:	Basic Path					
	Step	Action				
	1	After Successful Login to Inventory system.				
	2	User can Create View Edit Delete Products.				

health |> impact | Home | Login | Register | Logout |

Login

Name

Sifiso Mazibuko

Email

sifiso@convergexdm.com

Sign In Register

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Product Report

Create New

ProductName	Quantity	ManufactureDate	BatchNumber	Supplier	CostPrice	

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Welcome Debryne

Product Report

Create New

ProductName	Quantity	ManufactureDate	BatchNumber	Supplier	CostPrice	
Hisense	3	3/10/2022 1:21:00 AM	BN4512	Hisense Warehouse	25000	Edit Details Delete

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Welcome sifiso

Product Report

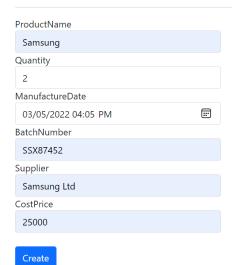
Create New

ProductName	Quantity	ManufactureDate	BatchNumber	Supplier	CostPrice	
Samsung	2	3/1/2022 12:49:00 AM	SSX87452	Samsung Ltd	13999	Edit Details Delete
Hisense	7	3/4/2022 1:24:00 AM	BN4513	Hisense Warehouse Ltd	45000	Edit Details Delete

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Create Product



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Product Details

ProductName Samsung

Quantity 2

Manufacture Date 3/1/2022 12:49:00 AM

BatchNumberSSX87452SupplierSamsung LtdCostPrice13999

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