Inventory System

Sifiso Samson

2/26/22
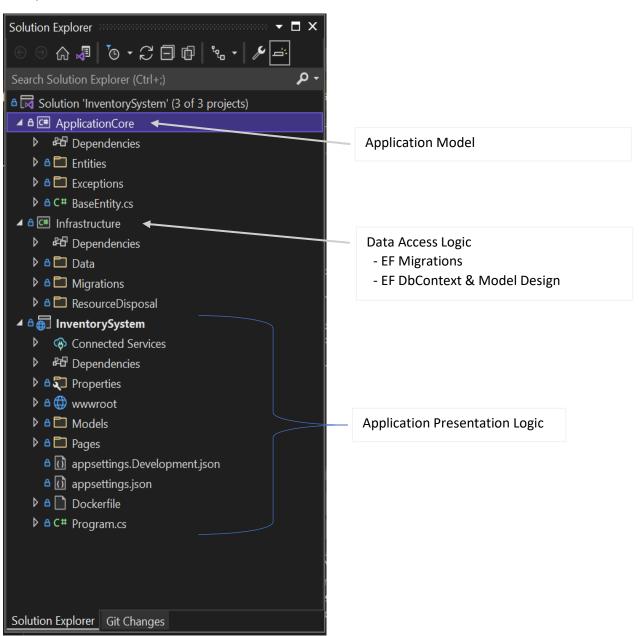
Document Properties

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

Application Model

Data Access Logic
- EF Migrations
- EF DbContext & Model Design

Application Presentation Logic

Role Catalogue

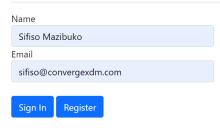| Role	Description
System	The background processing or functions is performed by the system.
User	The user can create, view, edit, delete the products they added.

UC 1.0 User Role

Use Case ID:	UC 1.0	
Use Case:	User Login Role	
Notes:	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 Register Role	
Notes:	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 Role	
Notes:	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.

Screen Shots

Login

Name

Sifiso Mazibuko

Email

sifiso@convergexdm.com

[Sign In] [Register]

Welcome Sifiso Mazibuko

Create Product

ProductName

Samsung

Quantity

2

ManufactureDate

03/05/2022 04:05 PM

BatchNumber

SSX87452

Supplier

Samsung Ltd

CostPrice

25000

[Create]

Welcome sifiso

Product Report

[Create New]

ProductName	Quantity	ManufactureDate	BatchNumber	Supplier	CostPrice	
Samsung	2	3/5/2022 4:10:00 PM	SSX87452	Samsung Ltd	25000	Edit	Details	Delete