

Pinewood Technical Assessment

Web App implementing Web Api

Web Api Project

Project Name: PinewoodTech.WebApi

Framework: .NET 6.0

Overview:

PinewoodTech.WebApi (Migrations and Controllers and Curd Operations to go here)

EF Context Class: Data/PTContext.cs

Customer Data Model: Models/Customer.cs

Customer Controller: Controllers/CustomersController.cs;

DbContext: PinewoodTechContext

DbContext Class: PTContext

Database Name: PinewoodApp_Dev

Packages:

Microsoft.EntityFrameworkCore 6.0.35 - Base

Microsoft.EntityFrameworkCore.SqlServer 6.0.35 - SQL server

Microsoft.EntityFrameworkCore.Tools 6.0.35 - For EF commands including Curd

EF Commands:

Add-Migration InitialCreate

Update-Database (Note: Use exiting authorised user to complete Create Database & create user pwuser)

Web App Project

Project Name: PinewoodTech.WebApp

Framework: .NET 6.0

Razor Views

User Journey:

Home page: <http://localhost:5147/>

Customers page: <http://localhost:5147/Customers>

localhost:5147/Customers

PinewoodTech.WebApp Home Privacy Customers

Customers

Customers View, Add, Edit, Delete

Id	Firstname?	Age	CreatedOn	
1	John	26	20/10/2024 17:05:28	<div>EditDelete</div>
2	Sweeny	30	20/10/2024 17:58:36	<div>EditDelete</div>
4	Tina	24	21/10/2024 07:58:04	<div>EditDelete</div>
5	Tom	18	21/10/2024 07:58:22	<div>EditDelete</div>
6	Jerry	56	21/10/2024 08:38:56	<div>EditDelete</div>
7	Perry	60	21/10/2024 09:19:21	<div>EditDelete</div>

Add New Customer

Add New Customer

Url: /Customer/Add

Once new customer is added it redirect back to list page

localhost:5147/Customers/Add

PinewoodTech.WebApp Home Privacy Customers

Add New Customer

FirstName

Age

CreateCancel

Edit Customer

Url: /Customer/Edit?id=4

localhost:5147/Customer/Edit?id=4

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Edit Customer

FirstName

Age

Update

Cancel

Delete Customer

Url: /Customer/Delete?id=4

localhost:5147/Customer/Delete?id=4

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Delete Customer

FirstName

Age

Delete

Cancel