This is my first ASP.NET assignment for semester 3

14 Oct 2021

Actually, I made more than 4 projects

In this project I wanted to show my product which is Cake.

I was thinking that I have to save username and pass word somewhere in database and create a page with username and password form, so I search for long time in the internet to find a solution, after talking to the professor I found out authentication part was not that complicated, just in the beginning, when I want to make the project should select and include authentication.

Anyway, this project doesn’t have this part, since I faced dbcontext problem later, it took lots of time, eventually I decided to use the first project I made without authentication which was working fine.

1. New project 🡪 app🡪MVC
2. NET5
3. Authentication since the beginning should be included \*\*
4. HTTPS should be selected
5. View 🡪 shared 🡪 \_layout file :

I copied li and paste it 2 times to make another pages About and Product

asp-action="About" for product I will change it later

1. <title>@ViewData["Title"] - Tishin Cake </title> this part has been changed into Tishin Cake

In <a> and <footer> also changed into Tishin Cake

1. In controller 🡪homecontroller file I copied this part and pasted it two time

public IActionResult Index()

{

return View();

}

public IActionResult About()

{

return View();

}

public IActionResult Product()

{

return View();

}

1. View 🡪 home 🡪 I created new razor new file , its name is About

I put html tags to give some information about tishin cake company

@{

ViewData["Title"] = "About Us";

}

<div >

<h3 >About Us</h3>

<p>

Information about us

</p>

</div>

1. I forgot to start git , in this step I initiated git as well !!!!
2. Rightclick on Models 🡪 empty class🡪 its name is Cake

11)I add this line for Date datatype

using System.ComponentModel.DataAnnotations;

and these properties or table fields :

Id , ProductName ,Comments ,ProductionDate ,Weight , Price

12)I added NuGet package project🡪manage NuGet package

Microsoft.VisualStudio.Web.CodeGeneration.Design

Microsoft.EntityFrameworkCore.SqlServer

Microsoft.EntityFrameworkCore.Design

13) dotnet tool install --global dotnet-aspnet-codegenerator

In command line

14)

15) I run this command and I got error it was resolved by

Build🡪rebuild All and again run this command it got ok this time

dotnet-aspnet-codegenerator controller -name CakesController -m Cake -dc MvcCakeContext --relativeFolderPath Controllers --useDefaultLayout --referenceScriptLibraries -sqlite

in this part edit delete create .. files made in View🡪cakes

16) asp-controller="Cakes" asp-action="Index">Product</a>

It was Home and I changed it into Cakes

17) same as before when I click on product I get this error

A database operation failed while processing the request.

SqliteException: SQLite Error 1: 'no such table: Cake'

18) when I run this command

dotnet ef migrations add InitialCreate

Build started...

Build succeeded.

More than one DbContext was found. Specify which one to use. Use the '-Context' parameter for PowerShell commands and the '--context' parameter for dotnet commands.

It seems something is wrong , I tried so many command that I found in internet , finally I couldn’t find the solution

19) I tried so many ways to solve this issue , I could not solve it , so I decided to send the first project I had made without authentication

20) seeddata / model🡪newclass 🡪its name is SeedData

21) updated program.cs file

22) run the project . now product page can show all those records.