Blazor Wasm

Workflow .NET CORE

# Purpose

* 1. This workflow is used to create a blazor WASM page

# Create a new Project

* 1. Create a Blazor WASM Core Hosted Application.

# Update the entity framework components

* 1. Create model class in shared
  2. Add a DbSet<model> Models to DbContext class

# Create the migration code

* 1. From the Package Manager Console:
  2. PM> cd <Solution Folder>
  3. PM> cd <Project Folder>
  4. PM> dotnet-ef migrations add <Name you want for the migration>

# Update the development database

* 1. From Package Manager Console: dotnet-ef database update

# Create an API endpoint

* 1. Add an API Controller
  2. Add Action Methods or modify scafolding

# Create CLient

* 1. Add Razor Page
  2. Add @page directive to top page
  3. Add link on navigation

<li class="nav-item px-3">

<a class="nav-link" href="https://cnm.edu">

<span class="oi oi-people" aria-hidden="true"></span> Visit CNM!

</a>

</li>

# Add a service

* 1. Add IService class to shared.

public interface IBlogService

{

Task<List<BlogEntry>> GetBlogEntries();

}

* 1. Implement interface as service class in client project. Place it in a Services folder.

using System.Collections.Generic;

using System.Threading.Tasks;

namespace PizzaPlace.Shared

{

public interface IBlogService

{

Task<List<BlogEntry>> GetBlogEntries();

}

}

* 1. Register service Program.cs of the Client project:

builder.Services.AddTransient<IBlogService, BlogService>();

# References