

General practices

02 - GETTING ACQUAINTED WITH ASP.NET

Create ASP Net Api project CityInfo

Run

Runing using CLI

Comment out middleware and run

Change Environemnts

03 - CREATING THE API AND RETURNING RESOURCES

Add CitiesController and PointOfInterestControllers and DTO

Create CitiesDataStore

Create GetCities and GetCity using routing attibutes

Create GetPointOfInterest using cityId as attr parameter

Try responses using json and xml (add ReturnHttpNotAcceptable)

Add FileController and try a GetFile using FileExtensionContentTypeProvider

04 - MANIPULATING RESOURCES AND VALIDATING INPUT

Create a resource

Use DataAnotation

Update full resource

Update partial resource

Delete resource

05 - WORKING WITH SERVICES AND DEPENDENCY INJECTION

Test built in Logger to console

Include Serilog and log to File and Console.

Create LocalMailService, CloudMailService, IMailService

Add emails address to settings file

Add new setting file with new environment.

6 - GETTING ACQUAINTED WITH ENTITY FRAMEWORK CORE

Create Entities City and PointOfInterest with annotations.

Create DbContext

AddMigration and Update-Database

Seed database

Take connectionString from setting for dev and production with environment variables.

7 - USING ENTITY FRAMEWORK CORE IN YOUR CONTROLLER

Create Repository and Interface with crud methods

Implement Automapper with profiles

Replace method on the current controller.

8 - SEARCHING, FILTERING AND PAGING RESOURCES

Use searching using a name.

Using filtering adding a searchQuery and filter by name and description.

Use Pagination Metadata and send to the response