The Weather APP

Introduction

Your task is to build an application which will allow users to enter a location and view details about the weather in that area. The design of the application is up to you, as is the choice of weather API - however, you can sign up for OpenWeatherMap (https://openweathermap.org/api) which you are free to use if you wish. After signing up, you should receive an API key to use.

There isn't a strict time limit, but we would appreciate you letting us know roughly how long the solution took you to code.

Acceptance Criteria

Given	When	Then
A working application	The applications loads	I can enter a location into a text field
A location field	I enter a location	I can click a search button
I have entered a valid location	I click the search button	I am shown details of the weather in that location
I have entered an invalid location	I click the search button	I am shown a suitable error message

Assumptions

The provided solution will be:

- ASP.Net MVC or WinForms, .Net Framework or Core

Notes:

The primary aim of the test is to indicate capability in C# coding, software design and development, however feel free to use CSS and JavaScript if you wish to add flair to the presentation layer All references should be added as Nuget Packages and should be publicly accessible on nuget.org The weather information displayed should include the following elements, if they are available from the chosen API:

- Location name
- Temperature
- Current
- Maximum
- Minimum
- Pressure

- Humidity
- Sunrise
- Sunset

Example weather API: https://openweathermap.org/api