**API Testing MiniProject**

**How To Use Framework**

The framework consists of 5 classes:

* CurrentWeatherModel.cs- Contains the data model of the openweather API
* WeatherDTO.cs- Deserializes the data received from the openweather api data model
* WeatherCallManager.cs- Makes a call to the openweather API
* CurrentWeatherService.cs-
* CurrentCityWeatherTest.cs- Tests the open weather api and check if working correctly

To test a certain property of the OpenWeather API, you have to use the following to access it within the test class using the following: currentWeather.weatherDTO.CurrentWeather.

Using this will allow you to access any data from the CurrentWeatherModel of the open weather api.

**Instructions**

Continue making more tests using the framework, such as testing the temperature and the pressure of the city.

**Conclusion**

In conclusion, I have learnt how to connect my C# application to a live working api key. It is always best to make a request with the API key that you’re using with POSTMAN, so that you’re able to see the structure of the openweather data before you start implementing the code. I have also learnt how to test openweather API. What I would do differently is that I would make more tests to check whether a certain element of the data is between a set of numbers. For example, checking if humidity is between 0 and 100. I would create tests for the 16 day/daily forecast, as well as the current weather forecast.