Assignment

QA Development Challenge

The application Under Test: <https://openweathermap.org/>

Feature: Search weather in your city

Business scope:

* The “Weather in your city” search box in the header at the Home page.
  + Can input the city name as keyword and search the city weather using Enter on keyboard and Click on search icon.
  + Cannot search the blank, empty keyword.
* After searching successfully, navigate to the Find page.
  + There are 2 search boxes: One is the “Weather in your city” search box in the header, and one is the search box in the page content.
  + Cannot search the blank, empty keyword. The message “Not found” will be displayed with close button.
  + The city name as hyperlink can
  + The city weather data should content (the values and units should be sticked together):
    - Full city name, country as hyperlink (navigate to the Weather Forecast for the selected city)
    - Temperature
    - Temperature range (min and max temperature)
    - Wind
    - Clouds
    - HPA
    - Geo coords (navigate to the Interactive weather maps for the selected city)

Backend API Document:

* URL

Frontend

Testing Type

* Functional Testing
  + Integration Testing
  + Interface Testing
  + API Testing
  + Compatibility Testing
    - Test Browser
      * Google Chrome
      * Mozilla FireFox
    - Test Device
      * Windows OS
      * Android OS
  + Back Box Testing
  + Boundary Value Testing
  + End-to-End Testing
  + Exploratory Testing
  + GUI Testing

Testing Level

* TBD

Testing Coverage

* TBD