Details:

Tester – Dylan Matheson

Timestamp: 14:40 – 15:4

0 (GMT +2)

Task: API testing

API details:

Use: Current Weather Data API

From: <https://openweathermap.org/>

API key : afca0dc69110a51fa8cc681e4ea6f2ed

Steps:

1. Summary (requirements): determine API response is valid or invalid by drawing data from provided website utilizing the API key. URL with Correct key and call for weather data for London,UK and simultaneous London,UK and Cape Town, ZA must be validated
2. Note API flow: URL requires baseURL,API Key and Location (longitude and latitude for this website), final output -being data retrieval of weather conditions on requesting device
3. Using API tool, create project and enter in URL, API key and different parameters (Will be testing High/low Temperatures, Sunset, sunrise and time of day
4. Run Scenario 1 first by sending API call for London
5. Analyse data including aspects such as
   1. Valid 200 response code
   2. Valid HTTP header displayed
   3. Validate JSON request
   4. Response time recorded
   5. Additional notes (e.g timeouts/package data partial download fails)
6. The API test for Scenario 2 (Only testing CateTown,ZA) is conducted with similar steps listed above for London
7. The API requests are removed, and then 2 new requests are simultaneously sent for both listed cities
8. Analyse findings as per step 5
9. Note final actual outcome