Test Results Summary - Homework Class 24

Test Plan Overview:
The test plan included five HTTP requests (GET, POST, PUT, PATCH, and DELETE) to validate the functionality, response, and duration of a fictional API (https://jsonplaceholder.typicode.com/)

Test Results:
GET Request
Assertions:
  - Response status code is 200 (OK).
  - Duration: Response time is within the expected range (500 milliseconds)

POST Request
Assertions:
  - Response status code is 201 (Created).
  - Response body contains expected data.
  - Duration: Response time is within the expected range (500 milliseconds)

PUT Request
Assertions:
  - Response status code is 200 (OK).
  - Response body reflects updated data.
  - Duration: Response time is within the expected range (500 milliseconds)

PATCH Request
Assertions:
  - Response status code is 200 (OK).
  - Response body reflects patched changes.
  - Duration: Response time is within the expected range (500 milliseconds)

DELETE Request
Assertions:
  - Response status code is 200 (OKt).
  - Duration:Response time is within the expected range (500 milliseconds)

Conclusions:
- All assertions for each HTTP request passed, indicating that the API functions correctly.
- Response times for each request are within the acceptable range.
- The API is performing as expected based on the test scenarios outlined in the test plan.
- When running it several times, I found that some tests failed due to "Too many Requests" - error 429 on the GET request