Testcafe tests

Objective:

Write multiple test cases using "testcafe" npm package and run them in two browsers (chrome and Firefox).

Approach:

1. Learning –
   Learn the basics of testcafe and gather as much information about testcafe and its uses and advantages.
2. Setup –
   Setup the essential environment on computer and install the testcafe using "npm i -g testcafe" and prepare environment variables.
3. Start –
   Start writing the tests for the assigned URL.

Test Cases:

- Test successful login with valid credentials
- Test unsuccessful login attempts with invalid credentials.
- Validate that appropriate error messages are displayed for invalid login attempts.
- On successful login, validate that the user is redirected to the dashboard screen.

Run:

Run the test cases on two browsers using "testcafe chrome test_1.js" and "testcafe firefox test_1.js".

Result:

Test cases are successfully prepared and tested on two browsers.

**Learnings – Learned testcafe basics and found it interesting to explore more about it later.

****Areas of improvement –** Prepare more test cases and advance learning.