

Write-Up

GitHub Link: https://github.com/olomansaas/Phase2_Amazon..git

Create a Cucumber Framework for Amazon App

1. Description:

As a Full Stack Developer, I have to build an automation script and integrate it with Cucumber to implement BDD approach in the project.

2.Steps/Detailed Procedure:

1. Feature File:

Here, I have Described my project in a brief manner and give some scenario outlines as a user journey where they log in to Amazon and performed various steps.

2. Source Code File Detailed Description:

Initialization and Homepage Access:

Objective: Open the Chrome browser and navigate to the Amazon homepage.

Implementation: Initialize the WebDriver, maximize the browser window, and open the Amazon URL. Pause execution for 5 seconds to allow page loading.

User Login and Product Search:

Objective: Simulate a user login with valid credentials and search for a specific product ("iPhone 13").

Step 1: Navigate to the login button on the Amazon homepage.

Step 2: Enter a valid username into the designated field.

Step 3: Click the "Continue" button.

Step 4: Enter a valid password into the password field.

Step 5: Click the "Login" button.

Step 6: Locate the search box, input "iPhone 13," and submit the search.

Refining Search with Filters:

Objective: Apply filters to refine the search results for a more targeted product selection.

Step 1: Identify and click the first filter related to product features.

Step 2: Identify and click the second filter related to additional features.

Product Selection and Tab Management:

Objective: Select a specific product from the search results and switch to the newly opened browser tab.

Step 1: Identify and click on a specific product from the search results.

Step 2: Capture the current window handle, identify all open tabs, and switch to the newly opened tab.

Conclusion and Browser Closure:

Objective: Conclude the test scenario by closing the browser.

Step 1: Capture the window handle and close the browser.

3. Final Conclusion:

This step-by-step automated testing scenario meticulously navigates through a series of user interactions on the Amazon platform. From the initial setup and login procedures to refining search results, product selection, and tab management, each step demonstrates the capabilities of **Cucumber and Selenium WebDriver** in ensuring a robust and seamless e-commerce workflow. This scenario not only validates the present functionalities of the Amazon website but also establishes a foundation for continuous testing and future feature validations