Automating Amazon Wishlist with Cucumber

GithubUrl-https://github.com/Utkarsh9991/Testing.git

***Feature File - func\_check.feature***

The feature file defines a high-level narrative for the Amazon Product Wishlist automation project. The scenario outlines a user journey where they log in to Amazon, search for a product (in this case, an iPhone 13), select the first result, add it to their wishlist, and finally close the browser.

***Step Definition File - Functionality\_Amazon.java***

The step definition file contains Java code that maps each step in the feature file to concrete actions using Selenium WebDriver. It initializes the WebDriver, navigates to the Amazon homepage, performs login actions, selects a product category, searches for a specific product, interacts with search results, switches to a new window, adds a product to the wishlist, and closes the browser.

***Runner File - TestRunner.java***

The runner file orchestrates the execution of the automation tests. It specifies the feature file path, glue code package (where step definitions are located), and plugins for generating readable reports. This configuration ensures that Cucumber knows how to execute the scenarios defined in the feature file.

***Overall Workflow:***

* The user starts on the Amazon homepage.
* Clicks on the account link to initiate the login process.
* Enters the provided phone number and password, then successfully logs in.
* Product Search:
* Selects a valid product category from the dropdown menu.
* Enters "iPhone 13" in the search box and clicks the search button.
* Product Selection and Window Handling:
* Chooses the first product from the search results.
* Switches the WebDriver to the new window pointer.
* Wishlist Addition:
* Adds the selected product to the wishlist.

***Browser Closure:***

Closes the browser after completing the wishlist addition.

***Testing Execution:***

The runner file (TestRunner.java) is responsible for executing the automation tests.

Cucumber generates readable reports in HTML format, providing insights into the test execution.

***Conclusion:***

This Amazon Product Wishlist automation project utilizes Cucumber and Selenium to simulate a user journey on the Amazon platform. It ensures that the specified actions are performed seamlessly, from logging in to adding a product to the wishlist. The modular structure of feature files, step definitions, and runner files enhances readability and maintainability, making it an effective and scalable automated testing solution.