**Test Plan: Amazon Website**

Introduction

This document outlines the testing approach and test cases for the Amazon website. The objective of this testing effort is to ensure that the website functions as expected and meets the requirements specified in the requirements documentation.

Scope

The scope of this testing effort includes testing the following functionality of the Amazon website:

1.Searching for a product

2.Filtering the search results

3.Adding a product to the shopping cart

4.Proceeding to checkout

5.Filling out the checkout form

Test Strategy

The test strategy for this testing effort includes the following steps:

1.Test cases will be developed based on the requirements and functional specifications.

2.Test cases will be executed manually.

3.Automated testing will be used to test repetitive and time-consuming test cases.

Test Environment

The test environment for this testing effort includes the following:

1.Operating System: Windows 10

2.Browser: Google Chrome

3.Selenium WebDriver: Version 4.1.1

4.Java Development Kit: Version 16.0.2

Test Cases

The following test cases will be executed as part of this testing effort:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Step** | **Test Scenario** | **Expected Result** | **Actual Result** | **PASS/FAIL** |
| **1** | Launch the Amazon website | The Amazon website should be launched successfully | The Amazon website is launched successfully | Pass |
| **2** | Search for a product | The correct search results should be displayed | The correct search results are displayed | Pass |
| 2.1 | Enter a search query in the search bar | The search query should be entered successfully | The search query is entered successfully | Pass |
| 2.2 | Click the search button | The search results page should be displayed | The search results page is displayed | Pass |
| 3 | Filter the search results by price range | The filtered search results should be displayed correctly | The filtered search results are displayed correctly | Pass |
| 3.1 | Click on the "Price" filter | The "Price" filter should be selected | The "Price" filter is selected | Pass |
| 3.2 | Enter a minimum price in the "From" field | The minimum price should be entered successfully | The minimum price is entered successfully | Pass |
| 3.3 | Enter a maximum price in the "To" field | The maximum price should be entered successfully | The maximum price is entered successfully | Pass |
| 3.4 | Click on the "Go" button | The filtered search results page should be displayed | The filtered search results page is displayed | Pass |
| 4 | Add a product to the shopping cart | The product should be added to the shopping cart successfully | The product is added to the shopping cart successfully | Pass |
| 4.1 | Click on the first product from the search results page | The product details page should be displayed | The product details page is displayed | Pass |
| 4.2 | Select the desired options for the product | The options should be selected successfully | The options are selected successfully | Pass |
| 4.3 | Click on the "Add to Cart" button | The product should be added to the cart successfully | The product is added to the cart successfully | Pass |
| 5 | Proceed to checkout | The correct product and options should be displayed in the shopping cart | The correct product and options are displayed in the shopping cart | Pass |
| 5.1 | Click on the "Cart" button | The cart page should be displayed | The cart page is displayed | Pass |
| 5.2 | Click |  |  | Pass |

Test Deliverable

Test Script, Public Git repository link

Conclusion

This test plan document outlines the testing approach and test cases for the Amazon website. By following the test plan, we can ensure that the website functions as expected and meets the requirements specified in the requirements documentation.