Assume you are testing an e-commerce website that allows users to search for products, add them to a cart, and proceed to checkout. A recent update was made to improve the search functionality. To perform regression testing, you decide to focus on the search feature and related areas.

Test Case: Search Functionality

Test Steps:

Enter a valid search keyword in the search bar.

Click on the "Search" button.

Verify that the search results page displays relevant products.

Verify that the search keyword is highlighted or displayed in the search results.

Repeat the above steps with different search keywords (e.g., alphanumeric, special characters).

Verify that the search results are accurate and consistent.

Expected Result:

The search results page should display relevant products based on the entered search keyword.

The search keyword should be highlighted or displayed in the search results.

The search results should be accurate and consistent for different search keywords.

Actual Result:

The search functionality is working as expected.

The search results are relevant and consistent for different search keywords.

The search keyword is properly highlighted or displayed in the search results.

Pass/Fail: Pass

Test Case: Add to Cart and Checkout

Test Steps:

Search for a product using the search functionality (previously tested).

Click on a product to view its details.

Click on the "Add to Cart" button.

Verify that the product is added to the cart.

Proceed to the checkout page.

Verify that the correct product is listed in the cart on the checkout page.

Complete the checkout process until the order is confirmed.

Expected Result:

The product should be successfully added to the cart.

The cart should display the correct product on the checkout page.

The checkout process should be completed without any issues.

Actual Result:

The product is successfully added to the cart.

The correct product is listed in the cart on the checkout page.

The checkout process is completed without any issues.

Pass/Fail: Pass