

# Closure Report

## for the Swag Labs Website Testing Project

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Test Dates: 17/1/2025 – 19/1/2025

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### 1.Introduction:

"This report summarizes the results of the testing process I performed for the Swag Labs website, an e-commerce site that allows users to browse products, add them to a shopping cart, and complete the purchase process. The purpose of the testing was to verify the quality and behavior of the website and to identify any issues or defects that may affect the user experience.

The scope of testing included core functionalities such as user login, product browsing, adding products to cart, the checkout process, and various UI elements like the header and the footer. Testing did not include aspects such as performance, security, and cross-browser compatibility."

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### 2.Test Summary:

"During the testing process, I created and executed 80 test cases, covering all the important aspects of the website. Among these test cases, 72 test cases passed (Pass) and 8 test cases failed (Fail).

The tests focused on the following areas:

- User login and logout functionalities.
- Display, browsing, sorting and filtering of products.
- Adding and modifying products in the shopping cart.
- The functionality of the burger menu.
- The user's ability to complete a purchase successfully.
- The correct display of the application name in the header and the copyright information in the footer.

A good coverage was achieved for all the main functionalities of the website."

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### 3.Defect Summary:

"A total of 5 main issues were discovered during the testing process, classified by priority and severity as follows:

- **Medium Priority and Medium Severity (2):**
  - ISSUE001: Sort dropdown does not open when clicking the arrow.
  - ISSUE002: Unable to enter characters in the sort field.
- **Medium Priority and Low Severity (1):**
  - ISSUE003: Unable to specify quantity before adding to the cart.
- **High Priority and Medium Severity (1):**
  - ISSUE004: The ""Add to cart"" button changes to ""Remove"" and does not increase quantity but removes item from cart.
- **Low Priority and Low Severity (1):**
  - ISSUE005: No ""Remove All"" option to remove all products from cart at once.

All identified issues are recorded in the attached Issue Thread."

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### 4.Application Quality Assessment:

"Overall, the Swag Labs website has good quality in terms of core functionality. However, some issues affect the user experience and require fixing.

### Strengths:

- The user interface is clear and easy to use.
- The main functions of the website (login, browsing, adding to cart, checkout) work well.
- There is diversity in the test cases performed, covering both functional and non-functional aspects of the application.

### Weaknesses:

- Some issues in the user interface, such as the sort dropdown not opening correctly and not being able to enter characters in sort field.
  - Issue with the Add to Cart button behavior, where the Remove button does not increase quantity, but removes items.
  - The absence of a "Remove All" option on the product page.
  - No way for users to specify a quantity before adding items to the cart.
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## 5.Recommendations:

"Based on the test results, I recommend the following:

- **Fix high and medium priority issues:** Issues with medium and high priority should be addressed, as they significantly affect the user experience.
  - **Improve UI:** The user interface should be improved to be more clear and intuitive.
  - **Provide a "Remove All" option:** A "Remove All" option should be added on the product page to make the process of removing multiple products at once easier.
  - **Allow specifying the quantity:** Provide a method for users to specify the quantity of items before adding to the cart, or allow editing of the quantity on the cart page.
  - **Further testing:** Future testing rounds should focus on covering other aspects of the site such as performance, security, and cross browser testing.
  - **Verify all scenarios:** All scenarios must be verified in full before considering that a feature is working properly."
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## 6.Conclusion:

"The testing of the core functionality of the Swag Labs website has been successfully completed. Several issues were identified during the testing process, and they have been recorded in the attached Issue Thread. We hope that these issues and recommendations will be considered to improve the quality of the website and user experience. Thank you to everyone who contributed to the success of this project."