

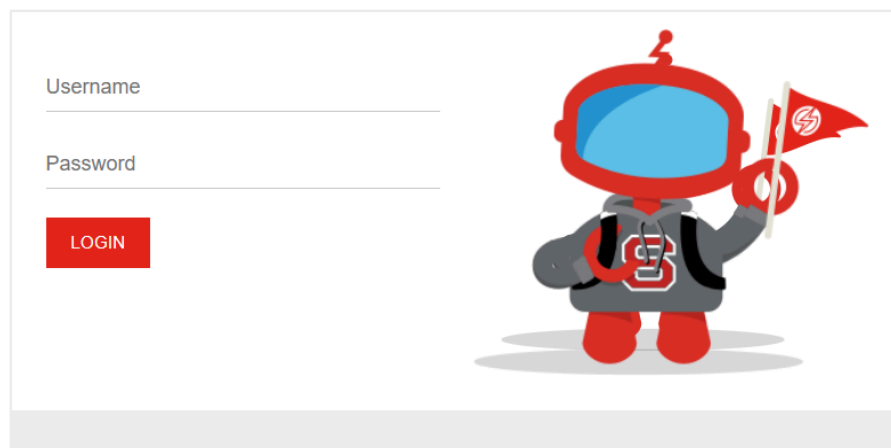
# TEST PLAN

**Project Name : SwagLabs**

**Created By : NITESH KUMAR**

**Email: [Nitesh03kumar01@gmail.com](mailto:Nitesh03kumar01@gmail.com)**

**Github: [@Niteshkumar76](#)**

A login form for SwagLabs. It features a white background with a light gray border. On the left, there are two input fields: 'Username' and 'Password', each with a horizontal line below the text. Below the 'Password' field is a red rectangular button with the word 'LOGIN' in white capital letters. To the right of the input fields is a cartoon character of a robot wearing a red helmet with a blue visor, a gray suit with a red 'S' on the chest, and red boots. The robot is holding a red flag with a white 'S' on it. The entire form is set against a light gray background.

# Manual Test Plan for Swag Labs Inventory Page

## 1. Test Plan Identifier

- **Version:** 1.0
- **Application:** Swag Labs Inventory Page
- **Test Type:** Manual Functional and Usability Testing

## 2. Introduction

The Swag Labs Inventory Page is a component of the Swag Labs e-commerce application, allowing users to browse products, add them to a shopping cart, and proceed to checkout. This test plan aims to validate the functionality, usability, and compatibility of the inventory page across different browsers and devices.

## 3. Test Objectives

- Verify that authenticated users can access the inventory page.
- Ensure that all products are displayed with correct details (name, price, image).
- Validate the functionality of sorting options.
- Test the add to cart and remove from cart functionalities.
- Check the responsiveness and layout across different browsers and devices.

## 4. Scope

- **In Scope:**
  - Authentication and access control
  - Product listing and details
  - Sorting and filtering functionalities
  - Shopping cart operations

- Navigation to product details and cart pages
- Cross-browser and cross-device compatibility
- **Out of Scope:**
  - Backend integrations (e.g., payment gateway)
  - Performance and load testing

## 5. Test Environment

- **Browsers:** Chrome, Firefox, Safari, Edge
- **Devices:** Desktop, Laptop, Tablet, Mobile
- **Operating Systems:** Windows, macOS, iOS, Android

## 6. Test Data

Use the following credentials for testing:

- **Username:**
    - `standard_user`
    - `locked_out_user`
    - `problem_user`
    - `performance_glitch_user`
- Password:** `secret_sauce`

A screenshot of the Swag Labs login page. On the left, there is a login form with two input fields labeled 'Username' and 'Password', and a red 'LOGIN' button below them. To the right of the form is a cartoon illustration of a red robot with a blue visor, holding a red flag with a white 'S' on it. Below the form, there is a grey box containing two columns of text: 'Accepted usernames are:' followed by a list of usernames, and 'Password for all users:' followed by the password 'secret\_sauce'.

## 7. Test Scenarios and Test Cases

### a. Authentication and Access Control

- **TC1:** Attempt to access the inventory page without logging in.
  - *Expected Result:* User is redirected to the login page.
- **TC2:** Login with valid credentials (**standard\_user**).
  - *Expected Result:* User is directed to the inventory page.
- **TC3:** Login with **locked\_out\_user**.
  - *Expected Result:* User receives an error message indicating the account is locked.

### b. Product Listing and Details

- **TC4:** Verify that all products are displayed with correct names, prices, and images.
  - *Expected Result:* Each product displays accurate information.
- **TC5:** Click on a product name or image.
  - *Expected Result:* User is navigated to the product detail page with complete information.

### c. Sorting and Filtering Functionalities

- **TC6:** Select "Name (A to Z)" from the sorting dropdown.
  - *Expected Result:* Products are sorted alphabetically from A to Z.
- **TC7:** Select "Price (low to high)" from the sorting dropdown.
  - *Expected Result:* Products are sorted by price in ascending order.

#### **d. Shopping Cart Operations**

- **TC8:** Click "Add to cart" on a product.
  - *Expected Result:* The cart icon updates to show 1 item.
- **TC9:** Click "Remove" on the same product.
  - *Expected Result:* The cart icon updates to show 0 items.
- **TC10:** Add multiple items to the cart and navigate to the cart page.
  - *Expected Result:* All selected items are listed in the cart with correct details.

#### **e. Navigation and Responsiveness**

- **TC11:** Click on the cart icon.
  - *Expected Result:* User is navigated to the cart page.
- **TC12:** Resize the browser window or access the site on different devices.
  - *Expected Result:* The layout adjusts appropriately for different screen sizes.

### **8. Usability Testing**

- **TC13:** Evaluate the clarity of product information and ease of navigation.
  - *Expected Result:* Product details are clear, and navigation is intuitive.
- **TC14:** Assess the checkout process for simplicity and user-friendliness.
  - *Expected Result:* Checkout steps are straightforward and easy to follow.

### **9. Cross-Browser and Cross-Device Compatibility**

- **TC15:** Access the inventory page on different browsers and devices.
  - *Expected Result:* The page functions correctly and maintains consistent appearance across platforms.

## **10. Test Deliverables**

- Test Plan Document
- Test Cases and Test Data
- Test Execution Report
- Defect Reports (if any)

**Thank you**