Test Plan: Swag Labs Login Page

# Introduction

The objective is to validate the functionality, security, usability, and robustness of the Swag Labs login page. The plan focuses on verifying access with different accepted usernames and a common password, handling invalid inputs, and ensuring appropriate responses for each scenario

# Scope

In Scope:

* Manual testing of login functionality for all accepted usernames.
* Verification of password handling.
* Ul and usability checks.
* Error messaging for invalid credentials.
* Security and session management for login actions.

# Out of Scope:

* Automated tests.
* Features outside the login page (inventory, cart, etc.).

# Test Objectives :

* Verify users can log in with valid credentials.
* Ensure login fails with invalid usernames.
* Validate password consistency for all usernames.
* Confirm proper error messages are displayed for invalid login attempts.
* Ensure Ul elements (fields, button) are present and functional.

# Testing Approach

* Manual Testing:

Exploratory, scenario-based test execution.

* Types of Testing: Functional UI/Usability Negative Security (basic)

Session management

# Test Environment:

* Browsers: Chrome, Firefox, Edge
* OS: Windows, macOS, Linux
* Devices: Desktop, Tablet, Mobile (responsive test)

# Test Data:

1. Accepted usernames:
2. standard\_user
3. locked\_out\_user
4. problem\_user
5. performance\_glitch\_user
6. error\_user
7. visual\_user

# Password:

1. secret\_sauce

# Success Criteria

* + All valid scenarios result in a successful login.
  + All invalid scenarios produce relevant error messages.
  + UI elements are displayed correctly across supported browsers and devices.
  + No security vulnerabilities are detected during basic checks.

# Risk Assessment Risks:

* + Incorrect error handling may expose system information.
  + Accepted usernames or password policy changes may invalidate the scenarios.
  + Unexpected UI failures/responsiveness issues on different devices.

# Reporting

* + Document defects and issues in standard bug tracking tools (e.g., Jira).
  + Capture screenshots of failures.
  + Record actual results against expected results in the test case matrix.

*This test plan enables manual testers to systematically validate the Swag Labs login page, ensuring coverage of credential scenarios, UI, usability, security, and session management.*