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 tool (e.g., Jira).
* Capture screenshots of failures.
* Record actual results against expected results in 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.*