**Created by**

**Bhupendra Sen**

**Test plan of saucedemo Web Application**

**Manaul testing**

**Objective**

The test plan defines the QA approach for the Swag Labs web application (https://www.saucedemo.com), an e-commerce demo site. Its objective is to ensure that all key features — login, inventory browsing, cart management, and checkout flows — function correctly on Google Chrome. This document outlines what will be tested, how, and by whom, serving as a blueprint for coordinating testing activities.

**Scope**

Functional Testing: Verify all functional requirements of the Swag Labs application. This includes successful and unsuccessful login, inventory display, adding/removing items to cart, and completing the checkout process (step one and two, plus final confirmation). All UI elements and user flows on Chrome are in scope.

User Roles: Testing will use standard user roles provided by the application (e.g. standard user, locked out user).

Performance, security, and load testing are out of scope. Only manual functional tests on Chrome are planned at this time.

**Test Environment**

Testing will be conducted on Google Chrome (latest stable release) on Windows and macOS. The test environment will use real browsers and the production demo server at saucedemo.com. Test data (user accounts and product inventory) will be as provided by the application. Any tool dependencies (e.g. browser plugins for screen capture) will be documented in the Test Execution and Tools section.

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**Defect Reporting Procedure**

All defects discovered during testing will be logged in the project’s bug tracker with a clear title and description. Each bug report will include steps to reproduce, expected vs. actual results, environment details, and severity/priority

. This ensures developers can quickly identify and fix issues. The bug report template below details the required fields for consistency.

**Test Strategy**

We will follow a manual functional testing strategy. Testers will execute predefined test cases (including positive, negative, and boundary scenarios) and document results. Testing will cover the critical user journeys end-to-end: logging in, viewing inventory, adding/removing items, and completing checkout. Exploratory testing may be used for GUI validation and to catch any issues not covered by the scripted cases. The scope explicitly defines which features are tested versus excluded.

. Test cases are organized by module, and each test includes preconditions, detailed steps, and expected outcomes.

**Test Schedule**

A high-level schedule will be defined to allocate sufficient time for test planning, execution, and bug fixing. Milestones include:

Test Preparation: Create test cases and set up the environment.

Test Execution: Execute all test cases on Chrome, log results, and report defects.

Test Reporting: Compile the test summary report upon completion of execution.

Deadlines and resource assignments will be added once the project timeline is agreed.

**Test Deliverables**

Test Plan Document: This document outlining objectives, scope, and strategy.

Test Cases: Detailed test case specifications (in JIRA-style tables).

Bug Reports: Entries for any defects found, using the standardized template below.

Test Summary Report: Final report with execution metrics, pass/fail status, defect summary, and key findings

**Entry and Exit Criteria**

**Entry Criteria**

Test Plan and Test Cases are reviewed and approved.

Test environment is set up and accessible (browser, test account login available).

All prerequisite data (user accounts, test items) are prepared.

**Exit Criteria**

All planned test cases have been executed.

All critical and major defects have been addressed or documented (no unresolved critical bugs remain).

Test Summary Report completed, summarizing results and any open issues.

Stakeholder review and sign-off of testing completion.

**Test Execution**

**Entry Criteria**

Entry criteria above are met (test cases ready and environment set).

Any required tools (bug tracker, logging) are configured.

**Exit Criteria**

Each test case has an execution result (pass/fail).

Defects discovered are logged.

All test documentation (results, logs) is updated.

**Test Closure**

**Entry Criteria**

Test execution is complete (all tests run).

Defect triage for open bugs is finalized (either fixed or scheduled).

**Exit Criteria**

Test Summary Report is reviewed with stakeholders.

Outstanding risks and issues are acknowledged.

Lessons learned and recommendations are documented..