

Sample Test Plan – SauceDemo

1. Introduction

Project Name: SauceDemo UI & Functional Testing

Test Objective: Ensure that the SauceDemo application functions correctly, meets usability standards, and does not have critical bugs affecting user experience.

Scope: This test plan covers functional testing, UI validation, and exploratory testing of key features.

Out of Scope: Performance testing, backend API testing, and security testing are not included in this plan.

2. Test Strategy

Testing Type:

- Functional Testing
- UI/UX Testing
- Exploratory Testing

Test Approach:

- Manual testing using Chrome DevTools and browser testing tools.
- Executing structured test cases documented in DemoQA_Test_Cases.xlsx.
- Identifying and logging bugs in SauceDemo_Bug_Report.md.
- Exploratory testing to find unexpected issues.

3. Test Environment

Component	Details
Browser	Google Chrome (latest), Firefox
OS	Windows 11, macOS Ventura
Devices	Desktop, Mobile (Android, iOS)
Test Data	Sample usernames/passwords from SauceDemo

4. Test Scenarios

4.1 Login Page

- ✓ Valid login should work correctly.
- ✗ Invalid login should display an error message.
- ✓ Password field should be masked.
- ✗ Error messages should be clearly visible.

4.2 Cart & Checkout

- ✓ Items should be added/removed properly.
- ✗ Checkout should not proceed with an empty cart.
- ✓ Total price should be calculated correctly.
- ✗ Reset App should restore cart and button states.
- ✓ Item Quantity should be able to change.

4.3 UI & Layout

- ✓ Elements should be aligned properly on all screen sizes.
- ✗ Cart icon should remain fixed after page refresh.
- ✓ Buttons and labels should be readable.

5. Risk Assessment

Risk Type	Impact	Mitigation Plan
Checkout failure	High	Perform end-to-end checkout tests regularly.
UI inconsistency	Medium	Test across different devices and screen sizes.
Session timeout issues	Medium	Check login persistence and session expiration handling.
Button misalignment	Low	Verify responsiveness across various resolutions.

6. Deliverables & Reporting

- **Test Cases:** Stored in *Sauce Demo QA Test Cases.xlsx*.
- **Bug Reports:** Logged in *SauceDemo Bug Report.md*.
- **Exploratory Notes:** Documented in *Exploratory_Testing_Notes.md*.
- **Final Report:** Summary of test execution and findings.

7. Test Execution Timeline

Phase	Date
Test Case Execution	Feb 15 - Feb 17
Exploratory Testing	Feb 16 - Feb 17
Bug Logging	Ongoing
Final Report Submission	Feb 18

Approval & Sign-Off

- **QA Engineer:** Senuri Inakshi
- **Date:** 13/02/2025

This test plan ensures that SauceDemo undergoes structured and exploratory testing to maintain functionality and usability standards.