

Test Plan

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Version – 0.1

Date – 21 October 2025

Product Name – Sauce Demo (E-commerce Website)

Product Link - <https://www.saucedemo.com/inventory.html>

Table of Contents

<i>Test Plan</i>	1
<i>Overview</i>	3
<i>In Scope</i>	3
<i>Out of Scope</i>	3
<i>Test Environments</i>	3
<i>Test Strategy</i>	4
<i>Approach</i>	4
<i>Test Levels</i>	4
<i>Test Types</i>	4
<i>Prioritization</i>	4
<i>Entry/Exit Criteria</i>	5
<i>Defect Reporting Procedure:</i>	5
<i>Roles/Responsibilities</i>	6
<i>Test Schedule</i>	6
<i>Test Deliverables</i>	7
<i>Suspension and Resumption Criteria</i>	7
<i>Tools</i>	7
<i>Risk and Mitigations</i>	8
<i>Approvals</i>	8

Overview

Validate the core shopper experience on a public demo e-commerce site (Sauce Demo / Swag Labs) across authentication, product catalog browsing/sorting, cart management, and checkout completion, ensuring functional correctness and basic usability on desktop Chrome/Firefox.

In Scope

1. **Authentication:** valid login (happy path) and basic negative (locked_out / wrong creds). Credentials documented publicly.
2. **Product Catalog:** load inventory, apply sort options, view item details.
3. **Cart:** add/remove items, item count badge, cart state persistence.
4. **Checkout:** information form validation, order overview, finish flow (no real payment).
5. **Basic UX checks:** labels, buttons, error messaging clarity, links (footer/social) not broken.

Out of Scope

1. Performance, security, and accessibility audits (beyond basic observations).
2. Mobile devices and non desktop browsers
3. Cross device exploratory testing.
4. Back-office/admin modules, external payments, emails/receipts.

Test Environments

1. Windows 11 – Chrome, Firefox, and Edge
2. Mac OS – Safari Browser

Test Strategy

Approach

- **Risk-based, user-journey-focused** - Prioritize checkout and cart, then login, then catalog sorting/details.
- **Shift-left clarity** - Convert requirements/user flows into scenarios before cases, keep RTM updated.
- **Evidence first** - Capture screenshots/notes for failed steps, stable data, independent, repeatable cases.

Test Levels

- **Smoke:** Minimal path (login → add 1 item → checkout finish) to validate the environment before full run.
- **Functional:** Positive/negative checks for auth, catalog, cart, checkout.
- **Regression:** Re-run impacted high-priority cases after fixes, mark as REG in Results.
- **Exploratory:** Time-boxed sessions for boundaries/edges after structured pass.

Test Types

- **Functional UI** - (forms, navigation, validations, state).
- **Usability** - (labels, consistency, error clarity).
- **Compatibility** - Chrome/Firefox latest (desktop).
- **Data/State** - (cart persistence, navigation state).

Prioritization

- **P0:** Happy-path checkout and cart essentials.
- **P1:** Core variants (remove from cart, sort orders, item details).
- **P2:** Peripheral flows (social links, minor UI polish).

Entry/Exit Criteria

- **Entry:** Site reachable, smoke passes, test data/accounts available.
- **Exit:** 100% planned coverage executed, no open P0/P1 impacting happy paths, defects triaged with rationale for any deferrals.

Defect Reporting Procedure

During the test execution –

1. Any deviation from expected behaviour by the application will be noted. If it can't be reported as a defect, it'd be reported as an observation/issue or posed as a question.
2. Any usability issues will also be reported.
3. After the discovery of a defect, it will be retested to verify the reproducibility of the defect. Screenshots with steps to reproduce are documented.
4. Every day, at the end of the test execution, the defects encountered will be sent along with the observations.

Note:

1. Defects will be documented in Excel.
2. Test scenarios and Test cases will be documented in an Excel document.

Roles/Responsibilities

Name	Role	Responsibilities
Person A	Test Manager	Escalations
Person B	Test Lead	<ol style="list-style-type: none">1. Create the Test Plan and get the client signoffs.2. Interact with the application, create and execute the test cases.3. Report defects.4. Coordinate the test execution. Verify validity of the defects being reported.5. Submit daily issue updates and summary defect reports to the client.6. Attend any meeting with a client.
Person C	Senior Test Engineer	<ol style="list-style-type: none">1. Interact with the application2. Create and Execute the Test cases.3. Report defects
Person D	Test Engineer	<ol style="list-style-type: none">1. Interact with the application2. Execute the Test cases.3. Report defects

Test Schedule

Following is the test schedule planned for the project –

Task	Time Duration
Creating Test Plan	21/10/2025
Test Case Creation	21/10/2025
Test Case Execution	22/10/2025
Summary Reports Submission	22/10/2025

Test Deliverables

The following are to be delivered to the client:

Deliverables	Description	Target Completion Date
Test Plan	Details on the scope of the Project, test strategy, test schedule, resource requirements, test deliverables and schedule	21/10/2025
Test Scenarios	As per the SRS Report	21/10/2025
RTM	To check if every requirements gets tested thoroughly	21/10/2025
Functional Test Cases	Test Cases created for the scope defined	21/10/2025
Defect Reports	Detailed description of the defects identified along with screenshots and steps to reproduce on a daily basis.	22/10/2025
Summary Reports	Summary Reports – Bugs by Bug, Bugs by Functional Area and Bugs by Priority	22/10/2025

Suspension and Resumption Criteria

Based on the client's decision, we will suspend or resume the project. We will ramp up or ramp down the resources as per the client's needs.

Tools

The following is the list of tools that we will be using to complete our project

1. Google docs
2. Google sheets

Risk and Mitigations

The following is the list of risks and the ways to mitigate them:

- a. **Risk:** Non-Availability of a Resource
- b. **Mitigation:** Backup Resource Planning

- a. **Risk:** The Build URL is not working
- b. **Mitigation:** Resources will work on other tasks

- a. **Risk:** Less time for Testing
- b. **Mitigation:** Ramp up the resources based on the Client's needs dynamically.

Approvals

The team will send different types of documents for Client Approval, like below:

- 1. Test Plan
- 2. Test Scenarios
- 3. Test Cases
- 4. Reports

Testing will only continue to the next steps once these approvals are done.