

Test Plan – SwagLabs E-Commerce Web Application

1. Project Information

Project name - SwagLabs E-Commerce Web App Testing

Application URL - <https://www.saucedemo.com/>

Prepared By – Suryance Raj

Testing Type - Manual Testing

Date – 1/11/2025

2. Objective

The objective of this test plan is to ensure core e-commerce functionalities of the SwagLabs web application work as expected, covering login, product listing, cart, and checkout flow.

3. Scope of Testing

- In-Scope

Area	Modules
Functional Testing	Login, Product Listing, Cart, Checkout, Logout
UI/UX Testing	Buttons, Forms, Labels, Layout, Messages
Boundary Value Testing	Forms input fields & validation
Regression Testing	Re-check major flows when defects are fixed
Cross-Browser	Chrome (latest)

- Out-Scope

Out of Scope Item	Reason
Database Testing	Not accessible
API Testing	Front-end only

4. Test Strategy

Black Box Testing - Functional validation without code access.

Exploratory Testing - Identify hidden and unexpected bugs.

Scenario-Based Testing- Real-world user behavior test cases

5. Test Items / Modules

Module	Description
Login & Logout	User authentication & validation messages
Inventory Page	Product listings & sorting
Product Details	Product description page
Cart	Add/Remove items, quantity validation
Checkout	Customer info, payment flow simulation
Order Confirmation	Order success message & redirect

6. Test Environment

Component	Specification
Browser	Google Chrome latest
OS	Windows / macOS
Data	Demo login credentials, test user data

7. Test Deliverables

Deliverable	Status
Test Plan	✓
Test Scenarios	✓
Test Cases	✓
Test Execution Sheet	✓

Deliverable	Status
Bug Report & Screenshots (JIRA)	✓
RTM (Requirement Traceability Matrix)	✓
Final Test Summary Report	✓

8. Entry & Exit Criteria

- Entry Criteria
 1. Requirements understood
 2. Test cases prepared
 3. Test environment ready
- Exit Criteria
 1. All planned test cases executed
 2. All major defects resolved
 3. Test summary report prepared

9. Test Data

Field	Example
Username	standard_user
Password	secret_sauce
Dummy checkout details	Name, Address, Zip code

11. Timeline

Activity	Duration
Requirement Study	1 Day
Test Case Design	2 Days
Test Execution	2–3 Days
Bug Reporting	As needed
Summary Report	1 Day

12. Approval

Tester – Suryance Raj

Reviewer-Trainer