

TEST PLAN DOCUMENT

Project Name: Swag Labs E-Commerce Platform

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Version: 1.0

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1. INTRODUCTION

The objective of this Test Plan is to define the scope, strategy, and resources required for testing the "Swag Labs" e-commerce application (SauceDemo.com). The goal is to ensure the core functionalities (Login, Inventory, Cart, Checkout) work as expected before the final release.

2. IN-SCOPE (Features to be Tested)

- Authentication: Login page (Valid, Locked-out, Problem user).
- Product Page: Sorting (Name/Price), UI responsiveness, Adding/Removing items.
- Shopping Cart: Verifying item retention and quantity updates.
- Checkout Process: User information form, Tax calculation, Finalizing order.
- UI/UX: Layout consistency across supported browsers.

3. OUT-OF-SCOPE

- Payment Gateway Integration (Simulated environment).
- Performance/Load Testing (Unless specified).
- Database Security Vulnerabilities (Third-party hosted).

4. TEST STRATEGY

- **Testing Type:** Black Box Testing.
- **Levels:** Smoke Testing (Build Verification) -> Functional Testing -> Regression Testing.
- **Browser Compatibility:** Google Chrome (Latest), Mozilla Firefox.
- **Tools Used:**
 - Test Management: Excel / Google Sheets.
 - Bug Tracking: Jira.
 - Screen Capture: Lightshot.

5. ENTRY & EXIT CRITERIA

- **Entry Criteria:**
 - The URL (saucedemo.com) is accessible.
 - Test Cases are reviewed and approved.
- **Exit Criteria:**
 - 100% of Test Cases in scope are executed.
 - No "Critical" or "High" severity bugs remain open.
 - Test Summary Report is generated.

6. DELIVERABLES

- **Test Plan Document (This file).**
 - **Test Cases Suite (Excel/PDF).**
 - **Defect Report (Bug Log).**
 - **Test Execution Summary.**
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