

## **TEST PLAN DOCUMENT**

**Project Name: Swag Labs E-Commerce Platform**

**Document ID: TP-SWAG-001**

**Version: 1.0**

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### **1. INTRODUCTION**

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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)**

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- **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**

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

#### **4. TEST STRATEGY**

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- **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**

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- **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**

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