

Software Test Plan

Project Name: SauceDemo Website

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1. Introduction

The purpose of this Test Plan is to outline the testing strategy, scope and resources required for testing the SauceDemo website.

The goal is to ensure that the key processes on the site work as expected.

2. Scope

The scope of this project includes functional testing of the main user flows.

2.1. Features to be tested (In Scope):

- **Login Functionality:** Valid login, invalid login, locked-out use scenarios.
- **Product Inventory Page:** Product display, sorting functionality, adding/removing items from the cart.
- **Shopping Cart:** Verifying items added, price calculation and navigation.
- **Checkout Process:** Entering user details, verifying order summary and completing the purchase.

2.2 Features not to be tested (Out of Scope):

- Performance and load testing.
- Security testing.
- Backend / API testing.
- Mobile application compatibility.

3. Test Strategy

The testing will be performed manually using clack-box testing methodology.

- **Test Levels:** System testing.
- **Test Types:**
 - Functional Testing:** Verifying that the system functions according to requirements.
 - Sanity Testing:** Ensuring critical flows work as expected.

4. Test Environment

- **Application URL:** <https://www.saucedemo.com/>
- **Browser:** Google chrome
- **Operating System:** Windows 10
- **Tools:** Google sheets (for test cases and bug trucking).

5. Deliverables

Upon completion of the testing cycle, the following documents will be delivered:

1. **Software Test Plan (STP):** This document
2. **Software Test Design (STD):** Detailed test cases
3. **Bug Report:** List of defects founds
4. **Software Test Report (STR):** Final summary of testing results