TEST PLAN - SauceDemo

1. Introduction
This Test Plan describes the testing approach for the SauceDemo web application. The objective is to validate essential functionalities of the platform related to login, product browsing, shopping cart, and checkout.

2. Scope

In-Scope:

- User Authentication (Login)
- Add/Remove Products to Cart
- Cart Review Page
- Checkout Form and Order Completion

Out-of-Scope:

- Performance Testing
- Load/Stress Testing
- API Testing
- Mobile Native App Testing
- Backend/Database Validation

3. Test Objectives
The main objective is to ensure that critical user flows work as expected, focusing on:

- Functional correctness
- User navigation
- Error message validation

4. Test Approach
Testing will be executed through manual functional testing. This project focuses mainly on positive test scenarios, with limited negative validation on login.

5. Test Types
The following test types will be executed:

Test Type	Description
Functional Testing	Validate system behavior based on expected requirements

| UI Testing | Validate visual components, layout and basic usability |
| Positive Testing | Validate expected behavior with valid inputs/actions |

6. Test Items

The application features to be tested include:

- Login Page
- Product Inventory Page
- Product Details Page
- Shopping Cart Page
- Checkout: Step One
- Checkout: Step Two
- Order Completion Page

7. Test Environment

Item	Details
Application URL	https://www.saucedemo.com
Browsers	Chrome
OS	macOS
Test Data	Standard user credentials provided by the system

8. Test Data

Valid Credentials:

- Username: `standard_user`
- Password: `secret_sauce`

Invalid Credentials Examples:

- Username: `invalid_user`
- Password field empty

Checkout Sample Data:

- First Name: Jack

- Last Name: Miller
- Postal Code: 12345

9. Acceptance Criteria

The system will be considered acceptable if:

- All critical features pass functional validation
- No **High** severity bugs remain open
- User flows can be completed without errors
- Error messages are displayed for invalid actions