

Test Plan Document Template

Swag Labs

1	INTRODUCTION.....	2
2	BUSINESS BACKGROUND	2
3	TEST OBJECTIVES	2
4	SCOPE	2

Test Plan

- **1. Introduction**

Sauce Labs is a software platform designed for testing web and mobile applications. It enables developers and testers to deliver high-quality applications at scale, ensuring functionality, performance, and compatibility across diverse environments. For this test plan, the focus will be on testing the login functionality, adding and viewing products, and completing the shipping and payment processes, alongside assessing application performance.

- **2. Business Background**

The Sauce Labs demo website serves as a simplified e-commerce platform with essential features like user login, product browsing, cart management, and a checkout system. Testing these features is critical to ensure a seamless shopping experience for users while maintaining application responsiveness and reliability under varying conditions.

- **3. Test Objectives**

The primary objectives of this testing effort are:

- **Login Testing:** Verify the login functionality with different user roles and inputs.
 - **Add Product Testing:** Ensure products can be added to the cart successfully.
 - **View Product Testing:** Confirm product details and display functionality.
 - **Shipping & Payment Testing:** Validate the checkout workflow, including shipping and payment details.
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- **4. Scope**

The scope of testing includes the following functional and non-functional areas:

Inclusions

- **Login:** Test valid and invalid credentials, including various user roles (standard_user, locked_out_user, etc.).
- **Add Product:** Verify adding products to the cart, including edge cases (e.g., adding the same product multiple times).
- **View Product:** Ensure product information (e.g., name, price, and description) is displayed correctly and consistently.
- **Shipping & Payment:** Test the checkout workflow for completeness and accuracy, covering shipping and payment input validation.

Exclusions

- Testing features not related to login, product management, or checkout processes.
- Security testing, such as penetration testing or vulnerability scanning.
- Backend database or server-side testing unrelated to user-facing functionalities.