Test Plan Documentation for SauceDemo Application

**This copy printed on:** December 26, 2022 **Project Team :**

**Version:** 1.0 Suhashini Gajbhiye [Project Manager]

**Document Author:**  Suhashini Gajbhiye Nikita Jadhav [Project Leader]

**Document Owner:**  Yogita Kachare [Tester]

Kashmira Thul [Tester]

Sameena Qureshi [Tester]

Contents

List of Table

1 Introduction

1.1 Background

1.2 Testing Objectives

1.3 Document Audience

1.4 References

1.5 Definition and Acronyms

2 Testable Items

2.1 In Scope

2.1.1 Functional Scope

2.1.2 Non-Functional Scope

2.2 Out of Scope

2.3 Testing Exclusions

3 Detailed Test Approach

3.1 Naming Conventions for Function Groups and Functions

3.2 Test Case Design

3.3 Test Scheduling

3.4 Data Build

3.5 Results/Sign-Off

**3.5.1** **Suspension/Resumption Criteria**

**3.5.2** **Pass/Fail Criteria**

**1. INTRODUCTION**

SauceDemo Limited has developed the Test Strategy for Web applications, particularly for eCommerce applications. SauceDemo is website that allows to shop for various categories like T-shirt, Bags, jackets, Bike Light etc,. User can see the recently viewed and see the Products by the Brand name, by the price also.

**1.1 Objectives**

The objectives of testing is to verify the Functionality of Saucedemo version 1.0 . Module works according to the specification.

The test will execute and verify the test scripts, identify, fix and retest all high and medium severity defects as per the entrance criteria, priorities lower security defect for future fixing

The objectives To communicate to the responsible parties the items to be tested, set expectations around schedule, and define environmental needs.

To define how the tests will be conducted.

**1.2 Document Audience**

|  |  |  |  |
| --- | --- | --- | --- |
| **Role** | **Name** | **Email/ Telephone** | **Organization** |
| Product Owner |  |  |  |
| Project Manager | Suhashini Gajbhiye | 8408075474 |  |
| PMO(Management Office) |  |  |  |
| QA |  |  |  |
| Team Lead | Nikita Jadhav | 9765774422 |  |
| Test Team | Yogita Kachare  Kashmira Thul  Sameena Qureshi | 7718917151  9112699573  9834527291 |  |
|  |  |  |  |

**1.3 References**

This document is based on and refer to the following documents.

**Table 1: Reference**

|  |  |  |  |
| --- | --- | --- | --- |
| **Document Name** | **Author** | **Version** | **Update date** |
| SRS | S. R. | V.9.9 |  |
| 2. Shopping application specification |  | V.0.1 | December 30, 2022 |
|  |  |  |  |

**Table 2: Acronyms**

|  |  |
| --- | --- |
| Acronym | Definition |
| SL | Swag Labs |
| QD | Quantity Description |
| SD | Saucedemo |
|  |  |

**1.3** **SCOPE**

The scope of this document is the testing of the changes to documentation, processes, hardware and software systems to deliver the business requirement to ensure that the software has been ported and functions correctly and that unchanged functionality is not impacted.

Some of the most successful online shopping are Amazon, Flipkart, etc. One of the biggest benefits of SauceDemo website makes it easy to sell products , no matter where their physical location.

**1.3.1 In Scope**

This test activity focuses on the following:

1. Customer activity and Login modules
2. Personal information of customer should be stored i.e, Name, Address, phone no.
3. Customer must be able to check the products by the Brand Name, by the Price.

**1.3.2 Functional Scope**

Functional Testing making sure the features that most affect user Interactions work properly. These Include:

* Login
* User Name
* Password
* All items
* Filter
* Your Cart
* Products
* Payment Gateway
* Logout

**1.3.3 Non-Functional Scope**

The below feature will not be tested because they are not included in the software requirement specifications

* Login
* Database Logical
* Web Security

**1.3.4 Out of Scope**

The following are considered out of scope

* Functional requirements testing for systems outside Saucedemo
* Testing of Business disaster recovery and Business Continuity Plan

**2. Test Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S no. | Task | Days | Duration | Remarks |
| 1) | Test plan. | 2 | 26 Dec to  27 Dec | Complete |
| 2) | Generate to Test Strategy | 1 | 28 Dec | Complete |
| 3) | Generating RTM | 1 | 29 Dec | Working |
| 4) | Test Case Design | 3 | 30 Dec to  2 Jan | Complete |
| 5) | Test Execution | 1 | 3 Jan | Working |

**4. Suspension Criteria:**

* Show-Stopper bug found
* Supplier issues
* Vast changes in requirements
* If resolving defects are more

**5. Resource & Environment Needs**

The test site must be populated with test data including a verity of products with different prices. Test modes should be enabled for backend e-commerce platform.

* 1. Client Side Infrastructure

Provide detailed lists of required hardware and software at Client side to support testing activity of each test level and test environment. May use tabular format for explain the content.

* 1. Host/Server Side Infrastructure

Provide detailed list/s of required hardware and software at Host or Server to support testing activity of each test level and test environment. May use tabular format for explain the content.

* 1. Middleware

Provide detailed list/s of required Middleware to support testing activity of each test level and test environment. eg. Test engine or test stub required for interface test.

**5.4 Testing Tools**

|  |  |  |
| --- | --- | --- |
| **NO** | **Resources** | **Description** |
| **1.** | Server | Need a Database server which install MySQL server Web server which install Apache Server |
| **2.** | Test tool | Load Runner |
| **3.** | Network | Setup a LAN Gigabit and 1 internet line with the speed at least 5 Mb/s |
| **4.** | Computer | At least 4 computer run Windows 7, Ram 2GB, CPU 3.4GHZ |

**6. Feature to Be Tested**

Feature to be tested include the following:

* As a shopper, logging into the website.
* As a shopper, navigating the store
* As a shopper, adding items to a shopping cart
* As a shopper, removing items from a shopping cart
* As a shopper, purchasing multiple units of the same item
* As a shopper, initiating a return
* As a shopper, completing an order cycle
* As a shopper, cancelling an order

**7. Responsibilities**

The Test Manager is responsible for facilitating the testing project, coordinating availability and

schedule of testers and training them as needed. Each tester should understand the

expectations on completion date and level of quality. The Test Manager should also

communicate any risks to the team.