

Test Plan

1) Test Plan ID:TP _001

2) Test Plan Title: Manual Testing Project – Sauce Demo Web Application

3) Introduction

This document describes the **Test Plan** for the Sauce Demo Web Application. The purpose of this test plan is to define the testing strategy, scope, resources, and schedule to ensure the quality and reliability of the application.

4) Objectives

- Verify that all core functionalities work as expected
- Identify functional, UI, and usability defects
- Ensure application meets specified requirements
- Create well-structured test artifacts (Test Cases, Bug Reports, RTM)

5) Scope of Testing

❖ In-Scope

- User Authentication (Login / Logout)
- Product Listing
- Add to Cart functionality
- Cart Management
- Checkout Process
- Error Message Validation
- UI Validation

❖ Out of Scope

- Performance Testing
- Security Testing
- Automation Testing
- Cross-browser testing beyond Chrome

6) Test Items

- ❖ Sauce Demo Web Application
- ❖ URL: <https://www.saucedemo.com>
- ❖ Modules Tested:
 - a. Sign up
 - b. Login
 - c. Cart
 - d. Order
 - e. Payment

7) Testing Types

- Functional Testing
- Smoke Testing
- Regression Testing
- UI Testing
- Negative Testing

8) Test Approach

- Testing is performed manually
- Test cases are designed based on requirements
- Execution follows:
 - Test Case preparation
 - Test execution
 - Bug identification
 - Bug reporting
 - Retesting
- Traceability is maintained using **RTM**

9) Test Environment

Operating System: Windows 10

Browser: Google Chrome

Device: Desktop/Laptop

10) Test Deliverables

- ❖ Test Plan
- ❖ Test Cases (Excel)
- ❖ Bug Report (Excel)
- ❖ Requirement Traceability Matrix (RTM)
- ❖ Test Report

11) Entry & Exit Criteria

- ❖ *Entry Criteria*
 - Web site is accessible
 - Requirements are clearly defined
 - Test environment is ready
- ❖ *Exit Criteria*
 - All planned test cases executed
 - Critical & high severity bugs reported
 - Test summary prepared

12) Roles & Responsibilities

Role	Responsibility
Junior SQA Engineer	Test case design, execution, bug reporting

13) Risks & Mitigation

Risk	Mitigation
Requirement change	Update test cases accordingly
Limited test time	Focus on core functionalities

14) Test Plan prepared by

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