Test Plan for Saucedemo E-commerce Website

1) Test Plan ID:	Saucedemo _web_TP_001
2) Introduction:	This document is a test plan for the Saucedemo.com website. The objective of this test plan is to describe the testing strategy, approach, and methodology to be used in testing the website to ensure its quality and reliability.
3) References:	Requirements, Project Plan, Test Strategy — Use cases. High Level Design doc, Low Level design docs, Process guide line doc, Prototypes.
4) Scope:	The scope of the testing will cover all the features and functionality of the Saucedemo.com website, including but not limited to: - User registration and login - Product browsing and searching - Product ordering and payment processing - Order tracking and shipment status - Customer support and feedback
5) Testing Strategy:	The testing strategy for the Soucedemo.com website will include the following activities: - Requirement analysis and review - Test planning and design - Test case development - Test execution and reporting - Defect management and tracking
6) Test Approach	The following test approach will be followed in testing the Soucedemo.com website: - Functional Testing: Testing all the functional requirements of the website. - Regression Testing: Ensuring that the new changes or modifications have not affected the existing functionality. - Performance Testing: Testing the website's performance under normal and peak load conditions. - Security Testing: Testing the website's security features to ensure data privacy and security. - Usability Testing: Testing the website's user interface and user experience to ensure ease of use and navigation. - Compatibility Testing: Testing the website on different browsers, operating systems, and devices to ensure compatibility.
7) Test Environment	The test environment for the Soucedemo.com website will include the following: - Operating System: Windows, Mac, and Linux. - Browsers: Chrome, Firefox, Safari, Edge.

	• Devices: Desktop, Laptop, Tablet, and Mobile. • Tools: Selenium, JMeter, Bugzilla, TestRail, and GitHub.
8) Test Deliverables	The following test deliverables will be produced as part of the testing process: • Test Plan • Test Cases • Test Execution Report • Defect Report • Summary Report
9) Test Schedule	The test schedule for the Saucedemo.com website will be as follows: • Test Planning and Design: 1 week • Test Case Development: 2 weeks • Test Execution: 3 weeks • Defect Management: Ongoing • Test Reporting: Ongoing
10) Risks and Contingencies	The following risks and contingencies have been identified for the testing of the Saucedemo.com website: • Risk: Delay in the development of the website. Contingency: Adjust the testing schedule accordingly. • Risk: Defects found during testing may delay the release of the website. Contingency: Report defects promptly, work with the development team to prioritize and fix them as quickly as possible. • Risk: Testing resources may not be available on time. Contingency: Plan for testing resources in advance, and if necessary, outsource testing to a third-party testing company.
11) Conclusion	This test plan outlines the testing strategy, approach, and methodology to be used in testing the Saucedemo.com website. By following this plan, we aim to ensure that the website meets the requirements and maintains high standards of quality, reliability, and security.