**TEST PLAN FOR** [**saucedemo.com**](http://saucedemo.com)

1. OBJECTIVE: The goal of this test plan is to ensure that the [saucedemo.com](http://saucedemo.com) website works as expected, meets user requirements, is user-friendly, and is free of defects and issues.

2.SCOPE: The following aspects of the [saucedemo.com](http://saucedemo.com) website will be tested as part of this test plan:

Functionality

Usability

Performance

Compatibility

Security

3.APPROACH:

The following steps will be taken to test the [saucedemo.com](http://saucedemo.com) website:

Methods of manual and automated testing

All features and functionalities will be tested using test cases.

Using different devices, browsers, and operating systems

Load testing tools are used for performance testing.

Vulnerabilities are identified and mitigated through security testing.

4.ASSUMPTION:

Among the assumptions made while testing the [saucedemo.com](http://saucedemo.com) website are:

The website is fully operational and functional.

All features and functions are thoroughly documented.

The website is available and accessible.

5.RISK:

While testing the [saucedemo.com](http://saucedemo.com) website, the following risks were discovered:

Functional flaws that may have an impact on the user experience

Issues with compatibility with various devices and browsers

Malicious actors could take advantage of security flaws.

Issues with performance could result in slow page load times or website crashes.

6.MITIGATION/BACKUP PLAN: The following mitigation and backup strategies have been implemented:

Regular testing to detect and correct any functional flaws

To ensure compatibility, test on a variety of devices and browsers.

Vulnerabilities are identified and mitigated through security testing.

Load testing is used to identify and correct any performance issues.

7.TEST METHODOLOGIES:

The following methods of testing will be used:

Functional evaluation

Usability research

Performance evaluation

Testing for compatibility

Security auditing

8. SCHEDULE: The [saucedemo.com](http://saucedemo.com) website testing schedule will be determined based on the availability of testing resources and project delivery timelines.

9. TEST ENVIRONMENT: The [saucedemo.com](http://saucedemo.com) website will be tested in the following environments:

Windows and Mac are the operating systems.

Chrome, Firefox, Safari, Edge, and Internet Explorer are the browsers supported.

Desktop, laptop, and mobile devices

Jira is a test management software.

10. DEFECT TRACKING: Defect tracking will be managed with the help of a test management tool called Jira, and all defects will be logged and tracked until they are resolved.

11. TEST AUTOMATION: Where applicable, test automation will be used to ensure efficient testing and better application coverage.

12.DELIVERABLES:

At the end of the testing phase, the following deliverables will be provided:

Documentation for the test plan

Documentation of test cases

Reports of flaws

Report on the Test Summary

13. CRITERIA FOR ENTRY AND EXIT:

The following are the entry and exit criteria for testing the [saucedemo.com](http://saucedemo.com) website:

The website is operational and accessible to testers, and all testing requirements and resources are available.

Exit criteria: All test cases were completed, all defects were resolved, and the application met all requirements.

14.RESPONSIBILITIES AND ROLES:

The roles and responsibilities listed below have been identified:

Test manager: oversight of the testing process

Test lead: responsible for the planning and execution of testing activities.

Testers: Execution of test cases and defect reporting

Developers: Defect resolution and bug fixes

Overall project management is the responsibility of the project manager.

15.TEMPLATES:

The templates listed below will be used:

Template for a test plan

Template for test cases

Template for a defect report

Template for a test summary report