



TEST PLAN

PROJECT NAME: Demowebshop



Demo Web Shop

Sample Application by Tricentis

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Introduction:

*This test plan outlines the strategy and approach for end-to-end **Demo Web Shop application testing**. This project aims to ensure the application's functionality, usability, performance, and compatibility using Selenium and the Cucumber framework. The scope includes automated testing of navigation, core functionalities, and reporting using tools like TestNG, JUnit, and Extent Reports.*

Website Url:-<https://demowebshop.tricentis.com/>

objectives:

Ensure all navigation links and features work as intended.

*The updated scope includes additional features such as **Registration**, **Product Search**, **Shopping Cart**, **Payment Gateway**, **User Account**, **Price Filter Functionality**, and **Display Options**.*

Ensure responsiveness across browsers and devices.

Scope:

*The test plan covers **functional**, **UI/UX**, and **Usability** testing across major browsers (Chrome, Edge) and devices (desktop, mobile). It includes manual and automated testing of core features to ensure user experience consistency and reliability and manual testing performed for non-functional testing.*

Testable features:

***Registration**
Product Search
Shopping Cart
Payment Gateway
User Account
Price Filter Functionality
Display Options*

Testing Approach:

Testing Types:

Functional Testing: Verify that features (e.g., registration, add to cart) perform as expected.

UI/UX Testing: Ensure the website is visually appealing, intuitive, and user-friendly.

Compatibility Testing: Test across browsers (Chrome, Edge, Firefox)

and devices (desktop, tablet, mobile).

Performance Testing: *Measure page load times and responsiveness for critical features.*

Exploratory Testing: *Testing beyond documented scenarios.*

Regression Testing: *Validating existing features after bug fixes or new feature additions.*

Black Box testing: *Testing without knowledge of internal implementation.*

Testing Environment:

Devices: *Smartphones (, Android), desktops.*

Browsers: *Chrome, Firefox, Safari, Edge.*

Network Conditions: *3G, 4G, 5G, WiFi*

Roles/Responsibilities:

Test Planning

Test Case Creation

Defect Reporting

Cross Browser

Collaboration

Reporting

Framework Setup

Test schedule:

❖ Following is the test schedule planned for the project :

- **Test Plan creation:** 18/03/2025
- **Test Scenario creation:** 18/03/2025
- **Test case creation:** 19/03/2025
- **Test case Execution:** 19/03/2025
- **Summary Report Submission:** 19/03/2025

Test Deliverables :

Mind Map & Test plan: *detailed testing strategy and scope*

Manual Test Cases & Automation Test Scripts: *Detailed cases for functional Testing & UI Testing*

Defect Reports: *Identified bugs during testing*

Test Summary: *Detail summarise what you have done in the whole Testing*

Entry and Exit Criteria:

Entry Criteria:

- *Access to the Demo Web Shop website.*
- *All features are functional and ready for testing.*
- *The test environment is stable.*
- *Approved Cucumber feature files and Selenium scripts are available.*
- *Required test data is prepared.*

Exit Criteria:

- *All critical and high-priority bugs are fixed.*
- *Automated test cases meet project quality standards.*
- *Features behave as defined in Cucumber feature files.*
- *Test summary reports are shared with stakeholders.*
- *Stakeholder approval for test phase completion.*

Tools:

Selenium: *for writing and executing automation scripts*

Cucumber: *defining BDD Scenarios*

Google Docs: *for creating Test plans and Test Summary*

Google Sheet: *for Creating The Test Cases and Test Scenario*

Browser: *for Checking the Cross-browser device compatibility testing*

Risk and mitigation plan :

Deliverable:

Unstable website

Undefined requirements

Description:

Plan testing during stable hours.

Clarify requirements before testing.

Approvals :

Masai will send different types of documents for Client Approval like below:

- ***Test Plan***
- ***Test Cases***
- ***Test Scenarios***
- ***Scripts***
- ***Test bug Reports***
- ***Test summary reports***

Testing will only continue to the next steps once these approvals are done.

