

# Software Test Plan (STP)

**Project:** Website Testing Project — *Demo Web Shop*

**Tester:** Anastas Karazelidi

**Date:** September 2025

**Version:** 1.0

**Website:** <https://demowebshop.tricentis.com/>

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## 1. Introduction

This document describes the testing strategy, objectives, and deliverables for the *Demo Web Shop* project — a sample e-commerce web application.

The main purpose is to ensure that key features such as user registration, product search, cart management, and checkout operate correctly and provide a smooth user experience across different browsers and screen resolutions.

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## 2. Objectives

- Validate the functionality of core features: registration, login, search, cart, checkout.
  - Verify layout consistency, responsiveness, and overall UI/UX quality.
  - Identify, reproduce, and document defects with clear evidence.
  - Check browser compatibility across Chrome, Firefox, and Edge.
  - Provide transparent and structured testing documentation.
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## 3. Test Scope

**In Scope:**

- Functional testing of main user flows
- UI and layout validation
- Regression testing after bug fixes
- Smoke testing for each build

### Out of Scope:

- Load and performance testing
  - Security or penetration testing
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## 4. Test Approach

Testing will be performed manually, following pre-defined test cases written in Excel (STD document).

Each test case includes steps, expected results, and actual outcomes.

Defects will be reported in Jira with attached screenshots and retested after fixes.

Exploratory testing will be added to cover areas not described in test cases.

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## 5. Test Deliverables

- **STP:** Software Test Plan (this document)
  - **STD:** Detailed list of test cases
  - **STR:** Summary Test Report with results and metrics
  - **Bug Reports:** Export from Jira or manually written table
  - **Screenshots:** Visual evidence of identified defects
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## 6. Test Environment

- **Browsers:** Chrome 128, Firefox 129, Microsoft Edge 127
  - **Operating Systems:** Windows 10 / Windows 11
  - **Display Resolution:** 1920×1080
  - **Test Data:** Manually created fake users, sample products, and test orders
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## 7. Tools Used

- **Jira** – Defect tracking and management
  - **Excel / TestRail** – Test case documentation
  - **Chrome DevTools** – Layout and UI analysis
  - **Postman** – Basic API verification (optional)
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## 8. Roles & Responsibilities

- **Tester (A. Karazelidi):** Creates and executes test cases, logs bugs, prepares reports.
  - **QA Lead (if assigned):** Reviews documentation, verifies test coverage.
  - **Developer:** Fixes reported defects and supports re-testing.
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## 9. Entry & Exit Criteria

### Entry Criteria:

- Stable build is deployed.
- Test data and environment are prepared.
- Test Plan is approved.

### Exit Criteria:

- All planned test cases are executed.
  - Major/critical defects are fixed or accepted.
  - Final Test Report (STR) is submitted.
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## 10. Risks and Mitigation

**Risk**

**Mitigation**

Website downtime during testing

Plan flexible schedule and backup window

Delay in bug fixing

Prioritize critical defects first

Unstable environment

Use fixed browser versions and clear cache before sessions

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## 11. Schedule

| Activity         | Duration |
|------------------|----------|
| Test Planning    | 1 day    |
| Test Case Design | 2 days   |
| Test Execution   | 3 days   |
| Reporting        | 1 day    |

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## 12. Approval

Tester Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### Version History:

1.0 – Initial version created – September 2025