

Evershop Demo Website Testing Documentation

1. Introduction

1.1. Purpose

This document outlines the testing procedures and results for the Evershop demo website (<https://demo.evershop.io/>). It includes the testing strategy, objectives, methodologies, tools, and results of functional and non-functional tests executed to ensure the website performs as expected.

1.2. Scope

The testing focuses on the following core features of the Evershop demo website:

- User Authentication (Signup and Login functionalities)
- Homepage Elements (Navigation bar, featured products, search functionality)
- Shopping Cart Functionality (Add to cart, remove items, cart persistence)

This document also includes observations, areas for improvement, and recommendations for further testing.

1.3. Objective

The objective of the testing is to verify:

- That all functionalities of the website perform as intended.
- To identify any bugs or inconsistencies in the UI/UX.
- To ensure the website's responsiveness, security, and performance meet user expectations and standards.

2. Test Strategy

2.1. Test Approach

The testing followed a manual testing approach focusing on the following areas:

- **Functional Testing:** Verifying that the website's features such as signup/login, cart, and homepage elements work as per the requirements.

- **Usability Testing:** Ensuring that the user experience is intuitive and seamless.
- **Regression Testing:** Verifying that new changes to the website do not negatively affect the existing functionalities.
- **Exploratory Testing:** Conducting ad-hoc tests to discover any unforeseen issues.

2.2. Test Environment

- Website URL: `https://demo.evershop.io`
- Browsers Tested: Google Chrome (latest version), Mozilla Firefox (latest version)
- Device Compatibility: Desktop, Mobile, and Tablet views
- Test Data: Both valid and invalid data (e.g., correct/incorrect emails, valid/invalid passwords)

2.3. Tools Used

- Browser Developer Tools for debugging and checking console errors.
- Postman for API testing (if applicable).
- Test Management Tool (e.g., Jira, TestRail) to log and track test execution and bugs.

3. Test Execution

3.1. Test Case Execution

Each test case was executed based on the defined steps and prerequisites. Testers simulated real user interactions, verifying expected vs. actual results.

3.2. Test Results Summary

- Pass Rate: 62.5% (10/16 test cases passed)
- Failure Rate: 37.5% (6/16 test cases failed)

Test Case ID	Test Scenario	Status
$TC_{SGE}D_001$	Signup - Valid Information	Pass
$TC_{SGE}D_002$	Signup - Invalid Email	Fail
$TC_{LGE}D_006$	Login - Valid Credentials	Pass
$TC_{HMP}D_001$	Homepage Loads Correctly	Pass
$TC_{SC}D_001$	Add to Cart without Login	Fail
$TC_{SC}D_002$	Add Product to Cart	Pass
...

4. Observations

- **Signup Issues:** TC_SG_ED_002 failed due to the system not correctly validating invalid email formats.
- **Login Flow:** Login functionality worked as expected, but edge cases (e.g., missing credentials) were not handled optimally.
- **Homepage Layout:** Navigation bar, featured products, and search function worked, but dynamic elements like search suggestions failed during testing.
- **Shopping Cart:** The cart allowed adding products without login (TC_SC_ED_001), leading to inconsistent user experience.

5. Issues and Bug Reports

5.1. Identified Bugs

Bug ID	Description	Severity	Status
BUG_001	Invalid email format during signup is not being detected.	High	Open
BUG_002	Cart allows item addition without requiring user login.	Critical	Open
BUG_003	Real-time search suggestions not appearing.	Medium	Open

5.2. Steps to Reproduce BUG_001

1. Navigate to the signup page.
2. Enter an invalid email format (e.g., userexample.com).
3. Click "Register."
4. No validation message is shown.

6. Recommendations

- **Bug Fixes:** Critical bugs such as login requirement for cart access should be resolved immediately.
- **UI/UX Improvements:** Improve form field visual feedback (e.g., better error message styling).
- **Enhanced Validation:** Enforce stricter validation for email inputs to prevent invalid entries.

7. Conclusion

Manual testing of the Evershop demo website identified both functional and non-functional issues. While core features generally work, some key issues require urgent attention. It is recommended that the development team address these bugs and consider the proposed improvements to enhance overall user experience and performance.

8. Appendices

8.1. Test Case Documents

Full test case documents with all steps and results are available via the test management tool (e.g., TestRail, Jira).

8.2. Glossary

- **Pass:** The expected outcome was achieved.
- **Fail:** The actual result deviated from the expected outcome.
- **Bug:** An issue or defect that affects the functionality of the system.