

OpenCart QA Execution Report

Project: OpenCart Functional Testing

Environment: XAMPP Localhost Installation

Tester: (Your Name)

Date: (Insert Date)

Main Features Tested

1. User Registration

2. User Login

3. Product Browsing

4. Shopping Cart Operations

5. Checkout Workflow

Summary of Work Completed Throughout this testing cycle, I executed a structured set of manual and API test cases based on the requirement specifications and the prepared test case sheets. The testing covered the complete customer journey on the OpenCart platform, beginning with user registration and login, continuing through product browsing and cart operations, and concluding with the checkout process. API test cases were executed using Postman, supported by database validation and manual testing to ensure end-to-end functionality integrity. Each test scenario was evaluated against the expected outcomes, and results were logged in the execution sheet.

Execution Results 1. Registration & Login

- Valid and invalid registration scenarios were executed to confirm data validation rules.
- Login workflows were verified, including incorrect credentials, empty fields, and successful authentication.
- Database checks confirmed user creation integrity.

2. Product Browsing

- Product listing pages loaded successfully.
- Tested product search with valid, invalid, and partial keywords.
- Verified product detail pages and server responses through API calls.

3. Shopping Cart

- Successfully added products to the cart through both UI and API requests.
- Updated quantities and removed items.
- Confirmed cart persistence and server-side validation.

4. Checkout

- Verified billing and shipping address submission.
- Confirmed correct calculation of totals and method selections.
- Successfully executed complete order placement using API and manual flows.

Overall Assessment All core customer-facing features functioned as expected. Input validation, session handling, and database consistency were verified across all test categories. Minor issues, if any, were documented separately with suggested fixes. Overall system readiness for further testing or release is high. Conclusion The testing phase was completed successfully, covering all major functional areas of the OpenCart platform. The combination of manual, API, and database testing provided comprehensive coverage and confidence in platform stability.