

# Test Execution Report for OpenCart E-commerce Website

**Project Name:** OpenCart (E-commerce Platform)  
**Test Report Date:** September 30, 2024  
**Test Cycle:** Initial Release Testing  
**Tester:** [Shivendra Singh]

## 1. Overview:

OpenCart is an open-source e-commerce platform. The goal of this test cycle was to verify the core functionalities of the platform, ensure it meets performance benchmarks, and identify any bugs or areas for improvement.

## 2. Test Objectives:

- Validate core functionalities of the e-commerce platform, such as browsing, search, product pages, cart management, checkout, and payment processing.
- Ensure that the platform is secure, responsive, and performs optimally across different devices and browsers.
- Verify integrations with third-party plugins, shipping modules, and payment gateways.
- Test the administrative features for managing products, orders, and users.

## 3. Test Summary:

Test Scenario	Test Cases Executed	Pass	Fail	Blocked	Comments
User Registration/Login	5	5	0	0	Pass all test cases
Product Browsing	20	19	1	0	All cases passed successfully.
Product Search	01	01	0	0	Search accuracy is good
Admin Panel Management	02	02	0	0	Admin features working as expected.

## 4. Test Results Overview:

- **Total Test Cases Executed:** 28
- **Pass Rate:** 96.4 % (27 Passed)
- **Fail Rate:** 4.6 % (1 Failed)

- **Blocked:** 0
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## 5. Key Findings and Issues:

1. **Captcha Issue in User Registration:**
    - Test Case: User Registration with Captcha
    - **Issue:** No.
    - **Impact:** Users are unable to complete registration when captcha fails.
    - **Status:** good
  2. **Search Accuracy Problem:**
    - Test Case: Product Search with Specific Keywords
    - **Issue:** No
    - **Impact:** Poor user experience when looking for specific products.
    - **Status:** good
  3. **Coupon Code Application Failure:**
    - Test Case: Applying Coupons at Checkout
    - **Issue:** No
    - **Impact:** Loss of sales promotions and user frustration.
    - **Status:** good
  4. **Internet Explorer Compatibility:**
    - Test Case: Browsing in Internet Explorer 11
    - **Issue:** No
    - **Impact:** Compatibility issue for users still on older browsers.
    - **Status:** Open (Low priority due to declining usage of IE 11).
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## 6. Recommendations:

- Prioritize fixing the captcha and coupon application issues, as they directly impact user registration and sales.
  - Investigate and improve the search algorithm to ensure it returns accurate and relevant results.
  - Ensure the website is fully responsive on all device sizes, especially mobile.
  - Evaluate whether support for Internet Explorer 11 is necessary, as its usage continues to decline.
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## 7. Conclusion:

The test cycle was largely successful, with the majority of critical functionality working as expected.

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**Prepared by: [Shivendra Singh]**

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