

OpenCart

Revision History

Date	Description	Author	Comments
29.01.2024	Test Plan for version 1.0	Marcu Cornel	versiunea 1.0

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1. Introduction

OpenCart is free open source e-commerce platform for online merchants. OpenCart provides a professional and reliable foundation from which to build a successful online store. This foundation appeals to a wide variety of users; ranging from seasoned web developers looking for a user-friendly interface to use, to shop owners just launching their business online for the first time. OpenCart has an extensive amount of features that gives you a strong hold over the customization of your store. With OpenCart's tools, you can help your online shop live up to its fullest potential.

1.1 Project Objective

We need to raise the trust in the quality of the project as high as possible before releasing it to customers.

Application under test: <https://www.opencart.com/index.php?route=cms/feature>

Documentation: <https://docs.opencart.com/en-gb/introduction/>

1.2 Functionalities in scope

- All features/functionalities/capabilities of Admin Module which are defined in OpenCart business requirements will be tested using the following testing types: functional testing,
- usability testing, acceptance testing, portability testing.
- The OpenCart Web application will be tested on latest versions of Mozilla and Chrome, IE browsers.

1.3 Functionalities and tests out of scope

- Non-functional testing like stress, performance, security and maintenance is beyond scope of this project.
- No QA support for mobile applications developed. Only web applications will be tested.
- Automation testing is beyond scope.
- All features that are not under Admin Module

2. Test process

2.1 Test planning

Roles and responsibilities

Cornel Marcu -QA junior	will test: Admin mode, Dashboard, Catalog

Entry criteria:

- smoke test passed (being the most basic type of test, this is a very important entry criteria in the process of testing)
- testing environment is up and running
- roles and responsibilities for the project are allocated
- functional business specifications are defined

Exit criteria:

- 100% of tests are executed
- 90% of tests are passed
- no Critical defects have Open status
- User Add functionality tests are 100% passed
- Exploratory testing was performed on Admin module

Risks:

- stability risks (crashes, disconnects, etc.)
- IE browser might have performance issues
- the web page pagination could be impacted when opened on mobile devices
- stress conditions might impact the web application
- new browser might not be supported

2.2 Test analysis

- Analyze the business requirements to make sure that we have all the details for creating the test conditions
- Write test conditions (What?)
- We plan on running a full regression test on the current version after important changes.

2.3 Test design

- All the test cases (How?) are written and reviewed
- All test cases are created in Jira as test management tool

2.4 Test implementation

- all the test data is available and reviewed (test data= email examples, password examples, employee, user with admin role)
- this test run includes only regression testing in which we will run tests that have the highest priority, this will be main priority
- Create the test suites (Cycle Summary) (grouped by release version or testing type)

2.5 Test execution

- The tests will be executed on the latest versions of browsers: Chrome, Mozilla Firefox, IE. If time will be available we will extend tests on other browsers.
- Bugs (defects) will be created based on the failed test cases
- The full regression testing will be done after new application changes
- Retesting will be done after a bug fix

2.6 Test closure

- at least 90% of tests are passed
- no Critical issues have Open status

2.7 Test monitoring and control

- Status reports will be generated to reflect the current status of testing process
- In case of major problems, control measures will be taken

3. Test deliverables

3.1 Test plan - link to test plan

3.2 Test conditions

The test conditions will be created based on the business requirements validated in the test analysis phase and will represent the features to be tested and transformed into test cases.

- [test conditions will be exported from Jira and added here](#)

3.3 Test cases

- link to test cases
- [test cases will be exported from Jira and added here](#)

3.4 Daily/Weekly/Monthly test summary report

- link to daily test summary report (number of tests ran today, % of them failed, passed, re-test, etc)
- [reports will be exported from Jira and added here](#)

3.5 Traceability matrix

- link to traceability matrix
- [traceability matrix will be exported from Jira and added here](#)

3.6 Test case results

- link to test case results
- [test case result will be exported from Jira and added here](#)

3.7 Bugs report

- link to bugs report
- [bug reports will be exported from Jira and added here](#)

3.8 Test completion report

- link to test completion report

- [test completion report will be exported from Jira and added here](#)

3.9 Schedule

- we have 10 days of testing

- we have 30 test cases

- in order to finish the test run we would need to run an ~ of 3 tests/day