**OpenCart**

**Revision History**

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| --- | --- | --- | --- |
| **Date** | **Description** | **Author** | **Comments** |
| 29.01.2024 | Test Plan for version 1.0 | Marcu Cornel | versiunea 1.0 |
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4. **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. **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. **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

1. **Test process**
   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

1. **Test deliverables**
   1. **Test plan - link to test plan**
   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
  1. **Test cases** - link to test cases
* test cases will be exported from Jira and added here
  1. **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
  1. **Traceability matrix** - link to traceability matrix
* traceability matrix will be exported from Jira and added here
  1. **Test case results** - link to test case results
* test case result will be exported from Jira and added here
  1. **Bugs report** - link to bugs report
* bug reports will be exported from Jira and added here
  1. **Test completion report** - link to test completion report

-test completion report will be exported from Jira and added here

* 1. **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