PROJECT INTRODUCTION:

……………..

Product

Mobile app

……………….

Login

Logout

Forgot Password

Change Password

Search

Add to Cart

Shopping Cart

Header

Footer

Etc.....

Customer: OpenCart

TEST PLAN:

OVERVIEW

This document serves a high level test planning document with the details on the scope of the project, test stratergy , test schedule and resource request, test deliverable.

SCOPE

Scope of the project includes testing the following features of

INCLUSION

* + - * Login
      * Search
      * Forget password
      * Home page

Privacy settings

EXCLUSION

* + - * Test automation
      * All the functions except that are mentioned under the inclusions.

TEST STRATERGIES:

‘XXX’ has communicated with the ‘Open Cart’ and has understood the need to perform functional testing of all the functionalities mentioned in the above scope section.

As a part of Functional testing, we will perform the different features in the scope.

Step # 1- Creation of the Test Scenarios and Test Cases for the different features in the scope.

1.We will apply several Test Designing techniques while creating Test Cases

* Equivalence Class Partition
* Boundary Value Analysis
* Decision Table Testing
* State Transition Testing
* Use Case Testing

2. We also use our experience in creating Test Cases by applying the below:

* Error Guessing
* Exploratory Test Cases

Step #2- Our Testing process, when we get an Application for Testing:

* Firstly, we will perform Smoke Testing to check whether the different and important functionalities of the application are working.
* We reject the build, if the Smoke Testing fails and will wait for the stable build before performing in depth testing of the application functionalities.
* Once we receive a stable build, which passes Smoke Testing, we perform in depth testing using the Test Cases created.
* Multiple Test Resources will be testing the same application on the multiple supported environments simultaneously.
* We then report the bugs in bug tracking tool and send you the defect found on that day in a status end of the day email.
* As part of the Testing, we will perform the below types of the Testing:
* Smoke Testing and Sanity Testing
* Regression Testing and Retesting
* Usability Testing, Functionality and UI Testing

Step # 3-We will follow the below best practices to make out Testing better:

* Context Driven Testing- We will be performing Testing as per the content of the given application.
* Shift Left Testing- We will start testing from the beginning stages of the development itself, instead of waiting for the stable build.
* Exploratory Testing- Using our experience we will perform Exploratory Testing, apart from the normal execution of the Test Cases.
* End to End Flow Testing- We will test the end-to-end scenario which involve multiple functionalities to simulate the end user flows.

DEFECT REPORTING PROCEDURE:

During the test execution-

* Any deviation from expected behavior by the application will be noted. If it can’t be reported as a defect, it’d be reported as an observation/issue or posed as a question
* Any usability issues will also be reported.
* After discovery of a defect, it will be retested to verify reproducibility of the defect. Screenshots with steps to reproduce are documented.
* Every day, at the end of the test execution, defects encountered will be sent along with the observations.

Note:

* Defects will be documented in a excel.
* Test scenarios and Test cases will be documented in an excel document.

ROLES/RESPONSIBILITIES

|  |  |  |
| --- | --- | --- |
| Name | Roles | Responsibilites |
| Person A | Test Manager | * Escalations |
| Person B | Test Lead | * Create the Test plan and get the client signoffs * Interact with application, create and execute the test cases * Report defects * Coordinate the test execution, verify validate of the defects being reported. * Submit daily issue updates and summary defect reports to the client. * Attend any meeting with client. |
| Person C | Senior Test Engineer | * Interact with the application * Create and Execute the Test cases * Report defects |
| Person D | Test Engineer | * Interact with the application * Execute the Test cases * Report defects |

TEST SCHEDULE:

Following is the test schedule planned for the project-

|  |  |
| --- | --- |
| Task | Time Duration |
| 1.Creating Test Plan | Start Date to End Date |
| 2.Test Case Creation | Start Date to End Date |
| 3.Test Case Execution | Start Date to End Date |
| 4.Summary Reports Submission | Date |

TEST DELIVERABLES:

The following are to be delivered to the client:

|  |  |  |
| --- | --- | --- |
| Deliverables | Description | Target Completion Date |
| Test Plan | Details on the scope of the project, test schedule, resource requirements, test deliverables and schedule | Date |
| Functional Test Cases | Test Cases created for the Scope defined | Date |
| Defect Reports | Detailed description of the defects identified along with the screenshots and steps to reproduce on a daily basics. | NA |

PRICING:

NA

ENTRY AND EXIT CRITERIA:

The below are the entry and exit criteria for every phase of the software testing life cycle.

Requirement Analysis

Entry Criteria:

* Testable requirements derived from the given Requirements Documents or Project details.
* Doubts are cleared.

Exit Criteria:

* Test Plan document is signed-off by the client.

Test Designing

Entry Criteria:

Test Plan Document is signed-off by the client

Exit criteria:

Test Scenarios and Test Cases Documents are signed-off by the client.

Test Execution

Entry Criteria:

Test Scenarios and Test cases documents are signed-off by the Client

Application is ready for testing

Exit Criteria:

Test case reports, Defect reports are ready

Test Closure

Entry Criteria:

Test case reports, Defects reports are ready

Exit Criteria:

Test Summary Reports

SUSPENSION AND RESUMPTION CRITERIA

Based on the client decision, we will suspend and resume the project.