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**TEST PLAN ON QAFOX**

**1. INTRODUCTION:**

This document describe approaches and methodologies that will apply to the unit, integration and system testing of an E-commerce website Qafox to make sure that the application meets the requirement specification and is free of Defects. This Document includes the objectives, test responsibilities, entry and exit criteria, scope, schedule major milestones and approach. This document has clearly identified what the test deliverables will be.

**2. SCOPE:**

The scope of the project includes testing the following feature of “<https://www.tutorialsninja.com/demo/> “.

**2.1- Feature to be Tested:**

A .Register

B . Login

C . Logout

D . Search

E . Add to cart

F . Shopping cart

**2.2 Feature not to be tested:**

A . All the feature not mention in 2.1

B . Automated feature

**3. TEST ENVIRONMENT:**

OS :- Window 10, Android

Browser: - Chrome, Edge

**4. TESTING TOOLS:**

MS word

MS excel

**5. TEST SCHEDULE:**

Following is the test schedule plan for the project:

|  |  |
| --- | --- |
| **TASK** | **TIME DURATION** |
| * Preparing Test plan | 6-11-2023 to 7-11-2023 |
| * Test case creation | 8-11-2023 to 14-11-2023 |
| * Test case Execution | 16-11-2023 to 17-11-2023 |
| * Defect Report | 17-11-2023 to 18-11-2023 |
| * Summary Report submission | 19-11-2023 to20-11-2023 |

**6. TEST DELIVERABLE:**

Following are the documents to Delivered

* Test Scenario
* Test cases
* Defect report
* Summary report

**7. RISK & MITIGATION:**

Following are the risks possible and a way to mitigate them:

|  |  |
| --- | --- |
| RISK | MITIGATION |
| * Non-availability of Resources | Backup Resource Planning |
| * Release delayed | Add some margin days |
| * Budget exceeds | Remove unused resources |

**8.Entry & Exit Criteria:**

Following are the entry & exit criteria for each phase of Software Testing Life Cycle (STLC):

**Requirement analysis:**

Entry criteria:

When the testing team receives the requirement from the business analyst.

Exit criteria:

When List of requirement is understood by the testing team.

**Test planning**

Entry criteria:

The requirement is understood properly and all the doubts are cleared.

Exit criteria:

Test plan is approved

**Test case Development**

Entry criteria:

When test plan is approved.

Exit criteria:

Test cases and test scenario are approved.

**Test Environment Setup**

Entry criteria:

Availability of System design and architecture document.

Exit criteria:

A fully functional Test environment and Approved Test cases.

**Test Execution**

Entry criteria:

When the Test cases and Test scenario are ready.

Application is ready for testing.

Exit criteria:

When all the test cases are executed.

Defect Report is ready.

**Test Cycle Closure**

Entry criteria:

Defect report is ready.

Exit criteria

Summary report is ready.

**9. SUSPENSION CRITERIA AND RESUMPTION REQUIREMENTS**

**9.1 Suspension criteria**

• The build contains many serious defects which seriously or limit testing progress.

• Significant change in requirements suggested by client

• Software/Hardware problems

• Assigned resources are not available when needed by test team.

**9.2 Resumption criteria**

Resumption will only occur when the problem(s) that caused the suspension have been resolved.

**10. DEFECT REPORTING PROCEDURE:**

During the test execution:

* Any deviation from expected behavior by the application will be noted.
* Any usability issue will be reported.
* After discovery of a defect, it will be retested to verify the reproducibility. Screenshot with steps.
* Every day, at the end of test execution, defect record will be sent along with the observation.

**11. ROLES & RESPONSIBILITY:**

|  |  |
| --- | --- |
| ROLES | RESPONSIBILTY |
| TEST MANGER | Write &review Test cases, interact with development team |
| TEST LEAD | Allocate work to  TE , overlook the work of the TE, make sure work complete on give deadline |
| TEST ENGINEER | Write & execute test cases |