**TEST PLAN IEEE FORMAT:**

1. **Test Plan ID:** Unique No. or Id or Name of the test plan
2. **Introduction:** About the Project and testing
3. **Test Items:** Names of Modules/ Functions/ Services/ Features
4. **Features to Be Tested:** Responsible Modules for the Test Design
5. **Features Not to Be Tested:** Which ones to test and which ones not to test (e.g. Features of previous version of the Software)
6. **Approach:** List of testing techniques to be applied on the modules (prepared by QA/PM)
7. **Features Pass/Fail Criteria:** When above features are pass and when they fail
8. **Suspension Criteria:** Possible abnormal situations arose during testing of above features. Without recovering from these situations, you are not able to conduct testing. (Technical problems with respect to project)
9. **Test Environment:** Required hardware and software including testing tools to conduct testing
10. **Test Deliverables:** Required test documents to be prepared during testing (Test Cases, Test Procedures, Test Log, Test Report)
11. **Test Tasks:** necessary tasks to do before starting of every project testing
12. **Staff and Training Needs:** The names of test engineers and required training sessions
13. **Responsibilities:** Work allocation in terms of test engineers Vs Modules
14. **Schedule:** Dates and Times
15. **Risks and Mitigations:** Analyze risks and possible solution to overcome them
16. **Approvals:** Signatures of Test Plan Author and PM/QA

Test Plan Document for Craferia:

1. **Test Plan Id: Craferia\_ST\_TP\_001**
2. **Introduction:** This is the System Test Plan for Craferia, an e-commerce platform specializing in handmade crafts. The web application allows users to browse, purchase, and sell handmade items. It aims to provide a seamless shopping experience for customers and efficient selling tools for artisans**.**
3. **Test Items:**

* User Interface
* Homepage
* Product listing
* Shopping Cart
* Checkout process
* User Account Management

1. **References:**

* Requirments
* Project Plan
* Test Strategy
* Use cases (if available)
* High level Design Documents
* Low Level Design Documents
* Process Guide line document
* Prototypes

1. **Features to be tested:**

a) User Interface:

Navigation and usability

Product browsing and filtering

Adding items to the cart

Checkout process

Account creation and management

a) Admin Interface:

Adding/editing/removing products

Managing orders

User account management

**6. Features not to be tested:**NA

**7. Entry Criteria:**

a) Test Design:

* + Team formation, Responsibilities,schedule,requirements,test case template
  + Training on domain, on automation tools

b) Test Execution

Readiness of test tab

Readiness of AUT

Requirements

Test case Documents

Test data

Defect Report Template

Etc….

**8) Exit Criteria:**

All possible test cases executed

Maximum defect fixed, testing performed successfully

Confidence on test process

Time limitations

Budget limitations

**9) Suspension criteria:**

If defects are more

**10) Roles and Resposibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Yuvraj .D | Tester | Test planning, guidance, Monitoring and test control |  |
| 2 | Yuvraj .D | Tester | Test data collection, Generating test scenarios |  |
| 3 | Yuvraj .D | Tester | Test case documentation, testexecution, defect reporting and tracking for admin module |  |
| 4 | Yuvraj .D | Tester | Test case documentation, testexecution, defect reporting and tracking for Personal banking module |  |
| 5 | Yuvraj .D | Tester | Test case documentation, testexecution, defect reporting and tracking for Corporate banking module |  |

**11) Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 1 | 8th January |  |
| 2 | Generating Test scenarios | 1 | 11th January |  |
| 3 | Test case Documentation | 1 | 12 th January |  |
| 4 | Test data collection | 1 | 13 th January |  |
| 5 | Verifying Test Environment Setup | 1 | 14 th January |  |
| 6 | Create Test Batches | 1 | 15 th January |  |
| 7 | Selecting Test Cases | 1 | 16 th January |  |
| 8 | Testing | 1 | 17 th January |  |
| 9 | Evaluating Exit Criteria | 1 | 18 th January |  |
| 10 | Collecting all artifacts | 1 | 19 th January |  |
| 11 | Test Summary Report | 1 | 20 th January |  |

**12)Training:**

* Test Automation Training Using Katalon Tool

**13) Risks and Miligations**

* Time

**14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

* Windows 2003 server
* MS Exchange server a) webserver b) EDP c) Data storage
* MS Office
* Katalon etc
* Browsers(Chrome,Firefox etc.)

**15) Test Deliverables:**

* Test Plan
* Review reports
* RTM
* Test Scenario docs
* Test Case Docs
* Test data
* Test summary report

**16) Approvals:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **TASK/S** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
| 1 | Test plan documentation | Yuvraj .D | 21/02/2024 |
| 2 | Review | Yuvraj .D | 21/02/2024 |
| 3 | Approval | Yuvraj .D |  |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification