**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

### A Sample Test Plan Document for CURA Healthcare Service:

1. **Test Plan Id: CHS\_ST\_TP\_001**
2. **Introduction:**

Earlier days there is no prior option to take appointments from doctor to consult. Patients need to wait for a long time and even if you reach the hospital also sometimes doctors won't be available. So in order to overcome these issues CURA Healthcare Service provides a prior appointment feature to overcome the starvation and other issues. Worldwide, Cura health care service helps to track and check the availability of doctors (for cardiac or heart diseases are listed as the top health conditions and fetching many individuals regardless of their gender).

1. **Test Items:**

* Login Page
* Title of Website
* Make Apointment
* Make Multiple Apointment
* Logout link

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:**
   1. Login Page:
      1. Username:
         1. Add new username.
      2. Password:
         1. Enter Vailid Password
      3. Login\_button:
         1. Click on login button

b) Title of Website:

I)Testing Title of Website:

1. By locators

c)Make Apointment:

1. Select option
2. Checkbox
3. Rdio button
4. Date
5. Texarea
6. Book Apointment

d)Make multiple appointment:

1. Select option
2. Checkbox
3. Rdio button
4. Date
5. Texarea
6. Book Apointment

e)Logout :

**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, final regression performed successfully

Confidence on test process

Time limitations

Budget limitations

**9) Suspension criteria:NA**

**10) Roles and Resposibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Ritik Rajgire | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | Ritik Rajgire | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | Ritik Rajgire | Tester | Test case documentation, testexecution, defect reporting and tracking for admin module |  |
| 4 | Ritik Rajgire | Tester | Test case documentation, testexecution, defect reporting and tracking for Personal banking module |  |
| 5 | Ritik Rajgire | 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 | 6 jan |  |
| 2 | Review meeting | 1 | 7 jan |  |
| 3 | Generating Test scenarios | 1 | 8 jan |  |
| 4 | Reviews | 1 | 9 jan |  |
| 5 | Test case Documentation | 1 | 10 jan |  |
| 6 | Reviews | 1 | 11 jan |  |
| 7 | Test data collection | 1 | 12 jan to 19 jan |  |
| 8 | Reviews | 1 | 13 jan |  |
| 9 | Verifying Test Environment Setup | 1 | 14 to 21 jan |  |
| 10 | Create Test Batches | 1 | 15 jan to 23 jan |  |
| 11 | Sanity Testing | 1 | 16 jan |  |
| 12 | Comprehensive testing | 2 | 17 jan to 18 jan |  |
| 13 | Sanity Testing | 1 | 19 jan |  |
| 14 | Selecting Test Cases | 1 | 20 jan |  |
| 15 | Regressing Testing | 2 | 21 jan to 22 jan |  |
| 16 | Sanity Testing | 1 | 23 jan |  |
| 17 | Selecting Test Cases | 1 | 24 jan |  |
| 18 | Regression Testing cycle -2 | 2 | 25 jan to 26 jan |  |
| 19 | . |  |  |  |
| . | . |  |  |  |
| . | . |  |  |  |
| 28 | Final Regression | 2 | 27 jan 28 jan |  |
| 29 | Evaluating Exit Criteria | 1 | 29 jan |  |
| 30 | Collecting all artifacts | 1 | 30 jan |  |
| 31 | Test Summary Report | 1 | 31 jan |  |

Note: Regression Testing depends on Application and strength of Development team.

**12)Training:**

* Training program on Software Test Automation
* Test Automation Training Using HP UFT Tool

**13) Risks and Miligations**

* Time

**14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

Operating System*:*

Windows 7, Windows 8, Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022

GUI components*:*

Required for all operating systems.

CPU*:*

Minimum: 2 GHz or faster and 64-bit (x64) processor

Memory:

* Recommended: 4 GB available RAM (32-bit) or 8 GB available RAM (64-bit)[1](https://docs.katalon.com/docs/supported-execution-environments/supported-environments-for-katalon-studio-and-katalon-runtime-engine-kre" \l "fntarg_1)

Hard Drive: At least 1 GB available hard disk space. Extra disk space is required depending on project source codes and generated execution reports.

**15) Test Deliverables:**

* Test Plan
* Review reports
* Test Scenario docs
* Test Case Docs
* Test data
* Opened, closed defect report
* Test summary report

**16) Approvals:**

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **TASK/S** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
| 1 | Test plan documentation | Kareemulla (Test Lead) |  |
| 2 | Review | Hari Prasad (Quality analyst) |  |
| 3 | Approval | Vinod Rao (Project Manager) |  |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification