# TEST PLAN IEEE FORMAT:

1. **Test Plan Identifier**: A unique number, ID, or name for the test plan.
2. **Overview**: Information about the project and its testing process.
3. **Test Elements**: The names of the modules, functions, services, or features to be tested.
4. **Features for Testing**: The modules responsible for the test design.
5. **Excluded Features**: Determination of which features to test and which to exclude (e.g., features from the software’s previous version).
6. **Strategy**: A list of testing techniques to be applied to the modules (prepared by the QA/PM).
7. **Pass/Fail Criteria for Features**: Determination of when the above features pass and when they fail.
8. **Suspension Criteria**: Potential abnormal situations that may arise during testing of the above features. Testing cannot proceed without resolving these situations (technical issues related to the project).
9. **Testing Environment**: The necessary hardware and software, including testing tools, required for testing.
10. **Test Outputs**: The necessary test documents to be prepared during testing (Test Cases, Test Procedures, Test Log, Test Report).
11. **Test Activities**: Essential tasks to be completed before starting testing for each project.
12. **Personnel and Training Requirements**: The names of the test engineers and the necessary training sessions.
13. **Duties**: Allocation of work in terms of test engineers vs. modules.
14. **Timeline**: The dates and times for the testing process.
15. **Risks and Countermeasures**: Analysis of potential risks and solutions to mitigate them.
16. **Sign-offs**: Signatures of the Test Plan Author and PM/QA for approval.

A Sample Test Plan Document for CURA HealthCare Application:

# Test Plan Id: CURA\_SAT\_KatlonStudio\_001

1. **Introduction:**

* The system test plan for the CURA Health project aims to support the development of new notifications in case a doctor is unavailable during booked slots. Additionally, it aims to ensure that patients receive timely updates about doctor availability and are provided with alternative options for their medical needs.
* The objective is to offer patients flexible and easily accessible services to minimize waiting times. This includes providing accurate and timely information about doctor availability to streamline the patient experience.
* It is important to implement a classification system that is user-friendly for both medical professionals and patients. This system should facilitate efficient matching of patients with available doctors based on their specific medical concerns.

1. **Test Items:**
   * User Interface
   * Information

# References:

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

# Features to be tested:

1. User Interface:
   1. Login
      1. UserName
      2. Password
      3. Login button
   2. Book Appointment

Facility

HealthCare Program, Visit Date Validations etc.

# Features not to be tested:NA

1. **Entry Criteria:**
2. Test Design:
   * Team formation, Responsibilities,schedule,requirements,test case template
   * Training on domain, on automation tools
3. Test Execution Readiness of test tab Readiness of AUT Requirements

Test case Documents Test data

Defect Report Template

Etc….

# Exit Criteria:

All possible test cases executed

Maximum defect fixed, testing performed successfully Confidence on test process

Time limitations Budget limitations

# Suspension criteria:

If defects are more

1. **Roles and Resposibilities:**

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

1. **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 |  |

1. **Training:**
   * Test Automation Training Using Katalon Tool

# Risks and Miligations

* + Time

# 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.)

# Test Deliverables:

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

# Approvals:

|  |  |  |  |
| --- | --- | --- | --- |
| **SNO** | **TASK/S** | **AUTHOR/ RULE** | **DATE & SIGNATURE** |
| 1 | Test plan documentation | Sachin G. Gaikwad |  |
| 2 | Review | Sachin G. Gaikwad |  |
| 3 | Approval | Sachin G. Gaikwad |  |

1. **Glossary**

AUT- Application Under Test PIN- Project initiation note

SRS- Software Requirement Specification