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 Application:

1. **Test Plan Id: Cura_ST_TP_001**
2. **Introduction:**
   ✓ It is system Test Plan for Cura Healthcare service, internet web application, provides access to account holders and guest users from any where in the world.
   ✓ The interface is easy to use and understand for both medical professionals and patients.
   ✓ The user can login into the application and book an appointment according to patient's free time and availability.
   ✓ The purpose of the application is to provide flexible and prominent services to patients and thereby reduce the waiting time.

3. Test Items:
- ✓ User Interface
- ✓ Login
- ✓ Make Appointment
- ✓ History
- ✓ Logout

4. References:
- ✓ Requirments
- ✓ Project Plan
- ✓ Test Strategy
- ✓ High level Design Documents
- ✓ Low Level Design Documents
- ✓ Process Guide line document
- ✓ Prototypes

5. Features to be tested:

    I)   Launch Successful

           Check if the browser is navigated to correct page by verifying the title "Cura Healthcare Service".

    II)   Validation of Login
1. Check if it is logged in with correct credentials.
2. Check if it is failed with incorrect credentials.

    III)   Make an Appointment

           Check if it is navigated to correct page after login by verifying the text "Make Appointment".

    IV)   Verification of Confirmation

           Give all the required details and click on book appointment. Now check Check if it is navigated to correct page after login by verifying the text "Appointment Confirmation".

    V)   Verification of History

           Check if the details of appointments till date are reflected in history or not.

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: NIL

10) Roles and Resposibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	V Sarath Chandra	Test Lead	Test planning, guidance, Monitoring and test control	
2	V Sarath Chandra	Sr. Tester	Test data collection, Generating test scenarios	
3	V Sarath Chandra	Tester	Test case documentation, testexecution, defect reporting and tracking for admin module	
4	V Sarath Chandra	Tester	Test case documentation, testexecution, defect reporting and tracking for Personal banking module	
5	V Sarath Chandra	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	5	8th january	
2	Review meeting	1	9th january	
3	Generating Test scenarios	10	10th january	
4	Reviews	02	11th january	
5	Test case Documentation	40	12th , 13th january	
6	Reviews	04	14th january	
7	Test data collection	6	15th january	
8	Reviews	1	16th january	
9	Verifying Test Environment Setup	1	17th january	
10	Create Test Batches	02	18th january	
11	Sanity Testing	1	19th january	
12	Comprehensive testing	25	20th january	
13	Sanity Testing	1	21th january	
14	Selecting Test Cases	2	22th january	
15	Regressing Testing	05	23th january	
16	Sanity Testing	1	24th january	
17	Selecting Test Cases	1	25th january	
18	Regression Testing cycle -2	4	26th january	
19	Final Regression	8	27th january	
20	Evaluating Exit Criteria	1 or 2	28th january	
21	Collecting all artifacts	2	29th january	
22	Test Summary Report	1	30th january	

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

12)Training:

- Training program on Cura Healthcare Domain
- Test Automation Training Using Katalon Tool

13) Risks and Miligations: NIL

14) Test Environment/ Lab:

Application Type:

Web Application, Internet and public

Client side:

- Windows 11
- Chrome Version 120.0.6099.224 (64-bit)
- Ms-Office

AUT Environment:

- Support all front-end frameworks: ReactJS, AngularJS, VueJS
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge

15) Test Deliverables:

- Test Plan
- Test Cases
- Test log
- Test Scenario docs
- Test Case Docs
- Test data
- Test summary reports

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