

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 the 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 Cura Healthcare Service:

1. Test Plan Id: CHS_ST_TP_001

2. Introduction:

- ✓ The purpose of this project report is to provide a comprehensive overview of the testing activities conducted for a Cura Healthcare Service.
- ✓ The testing activities were carried out to ensure that the website functions as expected, meets the requirements, and delivers a high-quality user experience. The report includes details on the testing objectives, scope, testing approach, test environment, test activities, test results, and recommendations for improvement.

3. Verify the functionality of the website, including user login, making appointment, validation of history and user logout.

4. Test Items:

- ✓ User Login
- ✓ Make Appointment
- ✓ Validation Of History
- ✓ User Logout

5. References:

- ✓ Requirements
- ✓ Project Plan
- ✓ Test Strategy
- ✓ Use cases (if available)
- ✓ High level Design Documents
- ✓ Low Level Design Documents
- ✓ Process Guideline document
- ✓ Prototypes

6. Features to be tested:

a) User Login:

1. Verify that users can login with valid credentials (email and password).
2. Verify that users cannot login with invalid or incorrect credentials.
3. Verify that appropriate error messages are displayed for incorrect login attempts.

b) Make Appointment:

1. Verify that users can make appointments according to their facility center, health care program, visiting date, comment, etc.
2. Verify that users can filter, sort, and book appointments based on different parameters.
3. verify that after clicking make an appointment we are navigating to the appointment confirmation page or not.

c) Validation Of History:

1. Verify whether the booked appointments have been updated or not.

d) User Logout:

1. Verify that the users are navigating to the home page 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 the 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 in the test process

Time limitations

Budget limitations

9) Suspension criteria: Nil

10) Roles and Responsibilities:

S.NO	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	G.Snehalatha	Test Lead	Test planning, guidance, Monitoring, and test control	
2	G.Snehalatha	Sr. Tester	Test data collection, Generating test scenarios	
3	G.Snehalatha	Tester	Test case documentation, test execution, defect reporting, and tracking for the login module	
4	G.Snehalatha	Tester	Test case documentation, test execution, defect reporting, and tracking for Make Appointment module	
5	G.Snehalatha	Tester	Test case documentation, test execution, defect reporting, tracking for the History and Logout module	

11) Schedule:

SNO	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analyzing requirements	2	8 th Jan to 9 th Jan	
2	Review meeting	1	10 th Jan	
3	Generating Test scenarios	2	11 th Jan to 12 nd Jan	
4	Reviews	2	13 th Jan to 14 th Jan	
5	Test case Documentation	1	15 th Jan	
6	Reviews	1	16 th Jan	
7	Test data collection	1	17 th Jan	
8	Reviews	1	17 th Jan	
9	Verifying Test Environment Setup	1	18 th Jan	
10	Create Test Batches	1	19 th Jan	
11	Sanity Testing	1	19 th Jan	
12	Comprehensive testing	1	20 th Jan	
13	Sanity Testing	1	20 th Jan	
14	Selecting Test Cases	1	20 th Jan	
15	Regressing Testing	2	21 st Jan to 22 nd Jan	
16	Sanity Testing	1	23 rd Jan	
17	Selecting Test Cases	1	24 th Jan	
18	Regression Testing cycle -2	2	25 th Jan to 26 th Jan	
19	.			
.	.			
.	.			
28	Final Regression	1	26 th Jan	
29	Evaluating Exit Criteria	1	27 th Jan	
30	Collecting all artifacts	1	27 th Jan	
31	Test Summary Report	1	28 th Jan	

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

12) Training:

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

13) Risks and Mitigations: NA

14) Test Environment/ Lab:

Application Type: Web Application, Internet and public

Server Side:

- Windows 2003 server
 - UNIX server
 - MS Exchange server a) webserver b) EDP c) Data storage
 - Bugzilla tool
 - Support all frontend frameworks
 - MS Office
 - Katalon Tool, etc....
 - Browser IE 7.0
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Client-side:

- Windows xp+sp2
- Support all frontend frameworks: ReactJS, AngularJS
- Ms-Office
- Cross-browser compatibility: Chrome, Firefox, Safari, Edge

AUT Environment:

- REST
- SOAP
- GraphQL
- SQL server 2005 for database server

15) Test Deliverables:

- Test Plan
- Review reports
- RTM
- 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	Testplan documentation	Snehalatha (Test Lead)	
2	Review	Mamatha(Quality analyst)	
3	Approval	Smartbridge(Project Manager)	

17) Glossary

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification