

Test Plan for CURA Healthcare Service

1. Test Plan ID: CHS_TP_001

2. Introduction:

- This document outlines the test plan for the CURA Healthcare Service website to ensure its functionality, performance, and usability.
- This test plan covers the testing activities for the CURA website, focusing on key features such as appointment booking, user authentication, and general functionality.
- It has one interface i.e. user interface which can be accessed by guest users.
- CURA Healthcare Service helps to track and check the availability of doctors (for cardiac or heart diseases which are listed as the top health conditions and affect many individuals regardless of their gender).

3. Test Items:

- Login
- Make Appointment
- History
- User Interface
- CURA Homepage
- Logout

4. References:

- Requirements
- Project Plan
- Test Strategy
- Use cases (if available)
- High Level Design Documents
- Low Level Design Documents
- Process Guideline Document
- Security Guidelines
- Defect Tracking Documentation
- Previous Test Reports
- Prototypes

5. Features to be Tested:

a. Login

- Username
- Password

b. Make Appointment

- History
- Elements visibility

c. Buttons, Checkboxes, Dropdowns

- Checked
- Unchecked
- Value by Label/Index for dropdown list

d. Logout

6. Features not to be Tested: NA

7. Approach:

- Functional Testing
- Regression Testing
- BVA (Boundary Value Analysis)
- Web Testing

8. Features Pass/Fail Criteria:

S.NO.	FEATURE	PASS CRITERIA	FAIL CRITERIA
1	Login	When the entered login credentials are correct.	When entered credentials are wrong or don't pass the required criteria.
2	Make Appointment	When appointments are made successfully.	When the appointment is not registered properly.
3	Validating Buttons, Checkboxes, Dropdowns	When the <i>xpath</i> locates the selected object correctly.	When the <i>xpath</i> and class is complex.
4	Logout	Successful Logout from the sidebar or closing the browser.	None

9. Suspension Criteria: NIL

10. Test Environment:

Application Type: Web Application, Internet and public

AUT Environment:

- **Web UI:**
 - Support all front-end frameworks: ReactJS, AngularJS, VueJS
 - Cross-browser compatibility: Chrome, Firefox, Safari, Edge
- **Browser Compatibility:**
 - Chrome (Version 121.0.6167.85)
 - Firefox (Version 122.0)
 - Safari (Version 17.2)
 - Edge Chromium (Version 120.0.2210.144)
- **Device Compatibility:**
 - Windows 11 (23H2)
 - macOS Sonoma 14.3 (23D56)
 - Linux Mint 21.3 "Virginia"

11. Test Deliverables:

- Test Plan
- Test Scenario Docs
- Test case Docs
- Test Logs
- Test Data
- Test Report

12. Entry Criteria:

- a. **Test Design:**
 - Team formation, Responsibilities, Schedule, Requirements, Test case template
 - Training on domain and automation tools
- b. **Test Execution:**
 - Readiness of test tab and AUT
 - Requirements
 - Test case Documents
 - Test Data

13. Exit Criteria:

- All possible test cases executed
- Maximum defects fixed; final regression performed successfully
- Confidence on test process

14. Training:

- Training program on CURA Healthcare Service
- Software Test Automation Training using Katalon

15. Roles and Responsibilities:

S.NO.	NAME	ROLE	RESPONSIBILITIES	REMARKS
1	Shashi Preetham	Test Lead	Test planning, guidance, Monitoring and test control	
2	Shashi Preetham	Senior Tester	Test data collection, Generating test scenarios	
3	Shashi Preetham	Tester	Test case documentation, test execution	

16. Schedule:

S.NO.	TASK	DAYS	DURATION	REMARKS
1	Understanding and Analysing requirements	1	8 th Jan	
2	Define Problem	1	9 th Jan	
3	Test Case Preparation	3	10 th Jan to 12 th Jan	
4	Test case Documentation	1	13 th Jan	
5	Reviews	1	14 th Jan	
6	Script/Test Case Execution	2	15 th Jan to 16 th Jan	
7	Test Listeners	1	17 th Jan	
8	Integration Of Katalon+Git+Jenkins	2	18 th Jan to 19 th Jan	
9	Cross-Browser Testing Using TestCloud	2	20 th Jan to 21 st Jan	
10	Report Generation and Sending Report To Developers	2	22 nd Jan to 23 rd Jan	
11	Verifying Test Environment Setup	2	24 th Jan to 25 th Jan	
12	Test Summary Report	2	27 th Jan to 28 th Jan	

17. Risks and Mitigation: NIL

18. Approvals:

S.NO.	TASK/S	AUTHOR/ROLE	DATE & SIGNATURE
1	Test plan documentation	Shashi Preetham B (Test Lead)	
2	Review	Sachin Gaikwad (Mentor)	
3	Approval	Dr. T. Mamatha (Project Manager)	