

Test Plan Document for CURA Healthcare Service:

1. Test Plan Id: CURA health_ST_TP_001

2. Introduction:

- ✓ It is system Test Plan for CURA Healthcare system, internet web application, provides users to login and schedule their appointments.
- ✓ It has one interface i.e. user interface.
- ✓ user interface can be accessed by guest users.
- ✓ The purpose of the system is to provide easier way to book an appointment at any of the provided locations regarding their health issues.
- ✓ Globally, Cura medical services track and monitor access to doctors (for cardiovascular or heart diseases, which are listed as the most common health diseases and affect many people regardless of gender).

3. Test Items:

- ✓ Login
- ✓ Logout
- ✓ Making appointment
- ✓ History
- ✓ User Interface
- ✓ Cura Home page

4. References:

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

5. Features to be tested:

a) Buttons, checkboxes, dropdowns

- checked
- unchecked

- Value by Label /index for dropdown list
- b) Login
 - Username
 - Password
- c) Logout
- d) Appointment module
 - History
 - Elements visibility

6.Features not to be tested: NA

7.Approach:

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

8. Features Pass/Fail Criteria:

| S.no | Feature | Pass criteria | Fail criteria |
|------|---|---|---|
| 1 | Validating Buttons, checkboxes, dropdowns | When the xpath is pointed correctly | When the xpath and class is complex |
| 2 | Login | When the login credentials entered are correct | When wrong credentials are entered or credentials don't pass the set criteria |
| 3 | Logout | Logout is clicked from dropdown or closing the browser. | None |
| 4 | History | When the appointment is made successfully | When appointment is not properly registered. |

9. Suspension criteria: NIL

10. Test Environment/ Lab:

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
- Chrome:
 - Version 120.0.6099.227 (Official Build) (64-bit)
- Windows:
 - Universal Windows Platform (UWP)
 - Windows Forms (WinForms)
 - Windows Presentation Foundation (WPF)
 - Classic Windows (Win32) apps on Windows 10 PCs

11. Test Deliverables:

- Test Plan
- Test Scenario docs
- Test log
- Test report

12.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 Etc.

13.Exit Criteria:

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

14.Training:

- Training program on CURA health care Services
- Test Automation Training Using Katalon

15.Roles and Responsibilities:

| S.NO | NAME | ROLE | RESPONSIBILITIES | REMARKS |
|------|------------|------------|--|---------|
| 1 | N.Prasamsa | Test Lead | Test planning, guidance, Monitoring and test control | |
| 2 | N.Prasamsa | Sr. Tester | Test data collection, Generating test scenarios | |
| 3 | N.Prasamsa | Tester | Test case documentation, test execution | |

16. Schedule:

| SNO | TASK | DAYS | DURATION | REMARKS |
|-----|--|------|--|---------|
| 1 | Understanding and Analyzing requirements | 1 | 10 th Jan | |
| 2 | Define Problem | 1 | 11 th Jan | |
| 3 | Test Case Preparation | 2 | 12 th Jan to 13 th Jan | |
| 5 | Test case Documentation | 1 | 14 th Jan | |
| 6 | Reviews | 1 | 15 th Jan | |
| 7 | Script/Test Case Execution | 1 | 16 th Jan | |
| 8 | Test Listeners | 2 | 17 th to 18 th Jan | |
| 9 | Integration Of Katalon+Git+Jenkins | 3 | 19 th to 20 th Jan | |
| 10 | Cross-Browser Testing Using TestCloud | 2 | 21 st to 22 nd Jan | |
| 11 | Report Generation And Sending Report To Developers | 3 | 23 rd to 25 th Jan | |
| 12 | Verifying Test Environment Setup | 1 | 26 th Jan | |
| 13 | Test Summary Report | 2 | 27 th to 28 th Jan | |

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

17.Risks and Mitigations: NIL

18.Approvals:

| SNO | TASK/S | AUTHOR/ RULE | DATE & SIGNATURE |
|-----|-------------------------|--------------------------------|------------------|
| 1 | Test plan documentation | N.Prasamsa(Test Lead) | |
| 2 | Review | Sachin Gaikwad (Mentor) | |
| 3 | Approval | Dr.T.Mamatha (Project Manager) | |