***CURA HEALTHCARE SERVICE – TESTPLAN***

1. **Test Plan Id: CHS\_ST\_TP\_001**
2. **Introduction:**

* It is a Test Plan for Cura Healthcare Service, that helps to track and check the availability of doctors (cardiac or heart diseases are listed as the top health conditions and fetch many individuals regardless of their gender).
* The purpose of the system (Application) is to Track and check the availability of doctors

1. **Test Item:**

* Login functionality
* Appointment booking
* History - Viewing appointments
* Logout functionality

1. **References:**

* Requirements
* Project Plan
* Test Strategy

1. **Features to be tested:**
2. Login Functionality:
3. Login user
4. Appointment Booking :
5. Change Facility
6. Book Appointment
7. Check Appointment Confirmation
8. History – Viewing appointment:
9. Check Booked Appointment History
10. Check Booked Details correct or not
11. Logout functionality :
12. Check If Logout Successful or not
13. Check after logout Login Page Is Coming or not
14. **Features not to be tested:** NA
15. **Approach:**

* Use a combination of manual and automated testing techniques.
* For login functionality, verify successful login with valid credentials and error handling for invalid credentials.
* For appointment booking, validate that appointments can be scheduled successfully and that relevant information is captured accurately.
* For viewing appointments, ensure that the correct appointments are displayed and that changes can be made as expected.
* For logout functionality, verify successful logout.

1. **Features Pass/Fail Criteria:**

**Login functionality:**

Pass: User is able to log in successfully and is redirected to the dashboard.

Fail: User encounters errors during login.

**Appointment booking:**

Pass: User can schedule appointments without any issues and receives confirmation.

Fail: User encounters errors or appointments are not successfully booked.

**Viewing appointments:**

Pass: User can view appointments without any issues.

Fail: User encounters errors or is unable to make changes to appointments.

**Logout functionality:**

Pass: User can Logout from application successfully.

Fail: user encounters error or is unable to logout.

1. **Suspension Criteria:**

Testing will be suspended if critical defects or technical issues prevent the proper execution of the test cases.

1. **Test Environment:**

* Hardware: Any modern computer with internet access
* Software: Web browser (Chrome, Firefox, Safari)
* Testing Tools: Katalon Studio for test automation.

1. **Test Deliverables:**

* *Test Cases*
* *Test Procedures*
* *Test Log*
* *Test Report*

1. **Test Tasks:**

* Review the requirements and design documents.
* Identify and prioritize test scenarios.
* Create test cases and test data.
* Execute test cases and log any defects found.
* Retest defects after they are fixed.
* Generate test reports.

1. **Responsibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | Rishabh | Tester | Test planning, guidance, Monitoring and test control |  |
| 2 | Rishabh | Tester | Module 1: Login functionality |  |
| 3 | Rishabh | Tester | Module 2: Appointment booking |  |
| 4 | Rishabh | Tester | Module 3: Viewing appointments |  |
| 5 | Rishabh | Tester | Module 4: Logout Functionality |  |

1. **Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNO** | **TASK** | **DAYS** | **DURATION** | **REMARKS** |
| 1 | Understanding and Analyzing requirements | 5 | 8th Jan to 9th Jan |  |
| 2 | Review meeting | 1 | 10th Jan |  |
| 3 | Generating Test scenarios | 10 | 11th Jan to 12th Jan |  |
| 4 | Reviews | 02 | 13th Jan to 14th Jan |  |
| 5 | Test case Documentation | 40 | 15th Jan |  |
| 6 | Reviews | 04 | 16th Jan |  |
| 7 | Test data collection | 6 | 17th Jan |  |
| 8 | Reviews | 1 | 17th Jan |  |
| 9 | Verifying Test Environment Setup | 1 | 18th Jan |  |
| 10 | Create Test Batches | 02 | 19th Jan |  |
| 11 | Sanity Testing | 1 | 19th Jan |  |
| 12 | Comprehensive testing | 25 | 20th Jan |  |
| 13 | Sanity Testing | 1 | 20th Jan |  |
| 14 | Selecting Test Cases | 2 | 20th Jan |  |
| 15 | Regressing Testing | 05 | 21th Jan to 22nd Jan |  |
| 16 | Sanity Testing | 1 | 23th Jan |  |
| 17 | Selecting Test Cases | 1 | 24th Jan |  |
| 18 | Regression Testing cycle -2 | 4 | 25th Jan to 26th Jan |  |
| 19 | . |  |  |  |
| . | . |  |  |  |
| . | . |  |  |  |
| 28 | Final Regression | 8 | 26th Jan |  |
| 29 | Evaluating Exit Criteria | 1 or 2 | 27th Jan |  |
| 30 | Collecting all artifacts | 2 | 27th Jan |  |
| 31 | Test Summary Report | 1 | 28th Jan |  |

1. **Risks and Mitigations:**

* Risk: Insufficient test coverage Mitigation: Prioritize critical test scenarios and perform risk-based testing.
* Risk: Limited test environment availability Mitigation: Coordinate with the team to ensure access to the necessary test environment resources.

1. **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
* VSS
* MS Office

***Client side:***

* Windows xp+sp2
* VSS
* Ms-Office
* HP UFT

***AUT Environment:***

* .NET(c#,VC++,ADO)
* IIS- web server
* COM+ - APP server
* SQL server 2005 for database server

1. **Test Deliverables:**

* Test Plan
* Review reports
* RTM
* Test Scenario docs
* Test Case Docs
* Test data
* Opened, closed defect report
* Test summary report