**TEST PLAN IEEE FORMAT:**

**CURA Healthcare Service**

**A Sample Test Plan Document for CURA Healthcare Service:**

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

* It is system Test Plan for CURA Healthcare Service, internet web application, provides a prior appointment feature to overcome the starvation and other issues.
* It has two interfaces one is Admin interface another is user interface.
* Admin can be accesses by doctor, user interface can be accessed by Patients and

consult .

* Earlier days there is no prior option to take appointments from doctor to consult. Patients need to wait for a long time and even if you reach the hospital also sometimes doctors won't be available.
* So, in order to overcome these issues CURA Healthcare Service, the purpose of the system (Application) is to provides a prior appointment feature to overcome the starvation and other issues. Worldwide, Cura health care service helps to track and check the availability of doctors (for cardiac or heart diseases are listed as the top health conditions and fetching many individuals regardless of their gender).

1. **Test Items:**

* Home
* Login
* Make Appointment
* History
* Log Out

1. **References:**

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

1. **Features to be tested:**
   1. Home:

Verify all elements

* 1. Login

i)Username

ii)Password

iii)Login button

* 1. Make Appointment

i)Select Facility

ii) Apply for hospital readmission

iii)Visit Date

iv)Comment

v)Book Appointment Button

* 1. History

Verify all elements

* 1. Log Out

i)Logout button

**5. Features not to be tested:** NA

**6. Approach:**

* Boundary Value Analysis
* Sequence Partition
* Random Testing
* Regression Testing
* Function Testing (i. e; Blackbox Testing)

**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 Responsibilities:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME** | **ROLE** | **RESPONSIBILITIES** | **REMARKS** |
| 1 | B.PraveenKumar | Test Lead | Test planning, guidance, Monitoring and test control |  |
| 2 | B.PraveenKumar | Sr. Tester | Test data collection, Generating test scenarios |  |
| 3 | B.PraveenKumar | Tester | Test case documentation, test execution, defect reporting and tracking for admin module |  |
| 4 | B.PraveenKumar | Tester | Test case documentation, test execution, defect reporting and tracking for Personal banking module |  |
| 5 | B.PraveenKumar | Tester | Test case documentation, test execution, defect reporting and tracking for corporate banking module |  |

**11) Schedule:**

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

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

**12)Training:**

* Training program on CURA Healthcare Service
* Test Automation Training Using Katalon Automation Tool
* Training Period is from December 5th to January 5, 2024

**13) Risks and Mitigations:** Nil

**14) Test Environment/ Lab:**

Application Type: Web Application, Internet and public

Execution Environment:

* Local OS: Windows 11 64bit
* Katalon Version: 9.1.0.212
* Browser: Chrome 120.0.0.0

*AUT Environment:*

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

**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 | Test plan documentation | T. Mamatha Mam |  |
| 2 | Review | Katalon Team |  |
| 3 | Approval | SmartInternz Team |  |

**17) Glossary**

AUT- Application Under Test

PIN- Project initiation note

SRS- Software Requirement Specification