1. Test Plan Identifier:   
   
 Test Plan CHS\_01.1  
  
 **2. Introduction:**  
  
The goal of this document is to develop a test plan for the CURA Healthcare Service. This document defines all the procedures and activities required to prepare for testing of the functionalities of the system. The objectives of the test plan are to define the activities to perform testing, define the test deliverables documents and to identify the various risks and contingencies involved in testing.

**3. Features to be tested:**

* Login
* Make an appointment
* Logout

**4. Features not to be tested:**

Other than the above

**5. Approach:**This section describes the overall approach of the testing which ensures that each feature and the combination of the features are adequately tested. The major tasks that are used are -

Unit Testing:  
 Unit testing tests a small software unit at a time, which is typically performed by the individual programmer who implemented the unit. The goal is to ensure that each unit of software code works properly. Unit tests are used to isolate a section of code to ensure that it is accurate. Unit testing is a type of White Box testing. It is a framework for performing unit testing of Java programs.  
   
 System Testing:  
Once the entire system has been built then it has to be tested against the Software Requirement Specification and System Specification to check if it delivers the features required. System testing can involve a number of specialist types of test to see if all the functional and non-functional requirements have been met.

Integration Testing:

A typical software project consists of multiple software modules, coded by different programmers. Integration Testing is a level of software testing where individual units are combined and tested as a group. The purpose of this level of testing is to expose faults in the interaction between integrated units.Integration Testing focuses on checking data communication amongst these modules.

Acceptance Testing:  
Acceptance testing is a formal testing conducted to determine whether a system satisfies its acceptance criteria –the criteria the system must satisfy to be accepted by the customer. Formal testing for product evaluation. Verifies functionality and usability of the software.

5.2 Test Overview:

* Integration testing: N/A
* System testing: N/A
* Acceptance testing: N/A

5.3 Test Tool:

* Using Google Spreadsheet/Excel for test cases.

**6. Item pass/fail criteria:**The system should satisfy all the functional requirements in the document. Each feature to be tested will be evaluated against its requirement as stated in the document. The pass or fail of a test depends on whether the system meets all the particular post conditions. Test cases executed on the CURA Healthcare Service will pass if they meet the specific requirements as mentioned in the document.

**7. Test deliverables:**

* Test plan
* Test case
* Test logs
* Design Specification
* Defect Reports

**8. Environment:**

Hardware and software are needed to execute the system properly. So using this website we can use some common browsers. They are:

* Google Chrome
* Microsoft Edge
* Mozilla Firefox

**9. Responsibilities:**

| Task Name | TM | PM | DEV | QA | TEST TEAM | CLIENT |
| --- | --- | --- | --- | --- | --- | --- |
| Unit testing |  |  | ⇑ |  |  |  |
| Integration testing | ⇑ |  | ⇑ |  | ⇑ |  |
| System testing | ⇑ |  | ⇑ |  | ⇑ |  |
| Acceptance testing documentation | ⇑ | ⇑ |  |  | ⇑ | ⇑ |
| Execute test cases, reports the issues | ⇑ |  |  |  |  |  |
| Review test cases, review and approve the issues |  |  |  | ⇑ |  |  |
| Design Review | ⇑ | ⇑ | ⇑ |  | ⇑ | ⇑ |

**10. Schedule:**

| **Test Categories** | **Start Date** | **End Date** |
| --- | --- | --- |
| Unit testing | 7/05/2021 | 9/05/2021 |
| Integration testing | 9/05/2021 | 11/05/2021 |
| System testing | 15/05/2021 | 17/05/2021 |
| Acceptance testing | 17/05/2021 | 18/05/2021 |
| Test report review | 19/05/2021 | 19/05/2021 |
| Test Delivery | 20/05/2021 | 20/05/2021 |

11. Risks and Mitigation:

| Risk | Mitigation |
| --- | --- |
| Team member lack the required skills for website testing | Plan training course to skill up your members |
| The project schedule is too tight; it's hard to complete this project on time | Set Test Priority for each of the test activities. |
| Schedule slips | Set a Schedule for each work |

12. ENTRY CRITERIA:

* Defined and Approved Requirements
* Test Plan
* Test Cases and Test Data
* Test Tool

13. EXIT CRITERIA:

* Test Logs
* Test Report