Test Plan

Project Name : HealthHub



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Introduction

This document aims to give an overview of the testing approach, strategies, and scope for the Health Hub application. It includes details like the project's scope, objectives, test schedule and resource allocations, test deliverables, and reports.

**AUT:** https://health-hub-rust.vercel.app

Scope

This test plan covers only functional testing and compatibility testing of the Health Hub application across different browsers.

Application Overviev

The Health Hub Application provides users with features such as appointment scheduling, health tracking, teleconsultation, medical history, and notifications.

Testable Feature

* Register
* Login
* Forgot password
* New user
* Search
* Book Appointment
* Dashboard
* Department
* Appointment time slot

Testing Types

* Functional Testing
* Compatibility Testing
* Testing Methodologies
* Black-box Testing
* White-box Testing
* Regression Testing
* User Acceptance Testing (UAT)

Roles/Responsibilities

|  |  |  |
| --- | --- | --- |
| No. | Roll | Responsibilities |
| 1. | Test Manager | * Manage budget and resources. * Allocating additional support resource. * Assess and prioritize project risks/tasks. * Monitoring project progress. * Resolve communication issues and conflicts effectively. |
| 2. | Test Lead | * Develop test plans and strategies in alignment with project objectives and requirements. * Assign tasks, set priorities, and provide and support to team members. * Review test results and provide feedback to team members. * Monitor and manage risks throughout the testing life cycle. |
| 2. | Test Engineer | * Understand customer requirements * Write Test scenarios & Test cases * Executing the Test cases. * Performing root cause analysis to identify underlying issues. * Defect tracking and reporting. |
| 4. | Test Engineer | * Understand customer requirements * Configuring and Setting up test environment. * Management of Automation tools. * Executing Regression Test cases. * File Closure activity |

**Test Schedule**

Following is the test schedule planned for the project:

|  |  |
| --- | --- |
| Task | Task Duration |
| Test Plan creation | 17/12/2024 |
| Test Scenario creation | 18/12/2024 |
| Test case creation | 19/12/2024 |
| Test case Execution | 20/21/2024 |
| Summary Report Submission | 21/12/2024 |

The below are the entry and exit criteria for every phase of Software Testing Life Cycle:

**Entry and Exit Criteria**

**Requirement Analysis**

* **Entry Criteria**:
* Once the testing team receives the Requirements documents and use documents of the project. Includes what functions needs to be tested and how the software should behave.

**Exit Criteria :**

The testing team should thoroughly explore and understand each requirement listed in the documents. Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

**Test Planning**

* **Entry Criteria**: Testable Requirements derived from the given Requirements documents. Test Plan document includes the Test Strategy, which provides a high-level overview of how testing will be conducted.
* Exit Criteria: Test Plan is signed-off by the Client (HealthHub)

**Test Designing**

* **Entry Criteria**: The Test Plan document needs to be reviewed and approved by the client and then Test Plan Document is signed-off by the Client
* Exit Criteria: Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client.

**Test Execution :**

* **Entry Criteria**: Test Scenarios and Test Cases document needs to be reviewed and approved by the client and documents are signed-off by the Client. Application is ready for further Testing.
* **Exit Criteria**: Test Case Reports, Defect Reports are ready Test Closure
* **Entry Criteria**: Test Case Reports, Defect Reports are ready
* **Exit Criteria**: Test Summary Reports, it overviews of the entire testing process

**Tools**

The following are the list of Tools we will be using in this Project:

• Jira - Project management tool

• Sales force cloud - CRM tool

• Zephyr- Test Management

• Microsoft Teams - collaboration

• Selenium - Web Automation

Approvals

Masai will send different types of documents for Client Approval like below:

• Test Plan

• Test Scenarios

• Reports Testing will only continue to the next steps once these approvals are done