**TEST PLAN**

**Project Name: AdvancedMD Web Application**

****

**PREPARED BY: ADNAN**

**DATE:01-OCT-2024**

**Table content**

Introduction …………………………………………………………………………02

Objective…………………………………………………………………………….02

Scope……………………………………………………………………………….02

Testable feature ……………………………………………………………………03

Testing approach…………………………………………………………………...04

Roles/Responsibility……………………………………………………………….05

Test Schedule……………………………………………………………………….05

Test Deliverables……………………………………………………………………06

Entry & Exit Criteria…………………………………………………………………06

Tools………………………………………………………………………………….06

Risk and Mitigation Plans………………………………………………………….07

Approvals……………………………………………………………………………07

**Introduction**

This document aims to give an overview of the testing approach

Strategies, and scope for the AdvancedMD application. This document includes details like the scope of the project, objective, test schedule and

Resources allocations, test deliverables, and report

**Objective**

* The purpose of this test plan is to define the testing strategies and methodologies.
* To ensure that the AdvancedMD Medical Office Software meets all functional, performance, and security requirements.
* confirm it is compatible with different Browsers.

**Scope**

The scope of testing includes functional and compatibility testing of the following modules: This test plan covers only functional testing and compatibility testing of the Amazon web application across different Browser

1. **Login and Authentication**
2. **Patient Management**
3. **Appointment Scheduling**
4. **Medical Billing**
5. **HER (Electronic Health Records) Management**
6. **Reporting and Analytics**
7. **User Management**
8. **System Performance**

**Testable Features**

* Login Name
* Password
* Login button
* Forgot password
* Software
* One AdvancedMD
* Practice Management
* Scheduling
* Billing
* Financial Reporting
* Electronic Health Records
* Patient Engagement
* Mobile Apps
* Specialties
* Cloud Hosted
* Services
* Revenue cycle management
* For Billing Companies
* Professionals Services
* Integrations
* Support
* Learn
* Learning Center
* Dem
* Pricing
* Built a Bundle
* Software Pricing
* RCM pricing

**Test Approach**

* **Manual Testing**: Functional aspects will be tested manually to verify that the web application behaves as expected.
* **Performance Testing**: Load and stress testing to measure application responsiveness and stability under different conditions.
* **Usability Testing**: Ensure the UI is intuitive and user-friendly for medical professionals
* **Testing Methodologies**

1. Black-box Testing
2. White-box Testing
3. Regression Testing
4. User Acceptance Testing

* **Testing Environment**

1. UAT

* **Operating System**

1. Windows 12 and above Browsers [Chrome and Firefox]
2. **Devices**: Desktop, Tablet, Mobile (responsive design testing)

**Roles and Responsibility**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Responsibility** |
| ADNAN | Test Manager | * Overseeing all testing activities. * Monitoring project process. * Manage timelines, budget, and resources. |
| ADNAN | Test Engineer | * Developing and executing test cases, and reporting bugs. * Creating and maintaining automation scripts. |

**Test Schedule**

|  |  |  |
| --- | --- | --- |
| **Task** | **Start Date** | **End Date** |
| Test Planning | 02-Oct-2024 | 02-Oct-2024 |
| Test Case Development | 02-Oct-2024 | 02-Oct-2024 |
| Test Execution | 03-Oct-2024 | 03-Oct-2024 |
| Defect Reporting | 04-Oct-2024 | 06-Oct-2024 |
| Test Summary Report | 04-Oct-2024 | 06-Oct-2024 |

**Deliverables**

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverables** | **Description** | **Responsible Owner** | **Date** |
| Test plan | Details description of the testing approach, strategies, and scope for the AdvancedMD | ADNAN | 04-Oct-2024 |
| Test Cases | Test cases created for  Functional and Compatibility testing | ADNAN | 04-Oct-2024 |
| Defect Report | Detailed description of defects. | ADNAN | 04-Oct-2024 |

**Entry and Exit Criteria**

**Entry Criteria**:

* All features are developed and deployed in the test environment.
* Test environments are set up with necessary configurations.
* Test cases are written and reviewed.

**Exit Criteria**:

* All critical and major defects have been fixed and retested.
* 95% of test cases are executed.
* No open high-severity issues.

**Tools**

The following is the list of Tools we will use in this project.

* **Jira:** Test management tool
* **Zephyr:** Test management tool

**Risks and Mitigation**

* **Risk**: Delays in feature development impacting the testing timeline
* **Mitigation**: Regular communication with development teams to adjust testing timelines.
* **Risk**: Unstable test environment.
* **Mitigation**: Schedule buffer time for environmental setup and configuration.

**Approval**

This document is approved by:

* Product Owner
* Project Manager