## **Test Plan for Healthcare App**

**Healthcare App Test Plan**

### **Test Objective**

The objective of this test plan is to verify the functionality, usability, and security of the healthcare app. This includes testing key features such as registration, login, appointment booking, medical record management, and prescription viewing.

### **Test Scope**

**In Scope**:

* Registration and login functionality
* User profile management
* Appointment booking and cancellation
* Viewing medical records
* Prescription management

**Out of Scope**:

* Payment gateway testing
* Integration with external systems

### **Test Items**

* **User Registration**: Ensure users can register with valid credentials.
* **Login**: Verify users can log in with correct and incorrect credentials.
* **Profile Management**: Ensure users can update their profile information.
* **Appointment Booking**: Test the booking functionality for different doctors.
* **Medical Records**: Verify that users can view their medical records.
* **Prescription Management**: Ensure prescriptions are displayed correctly.

### **Test Deliverables**

* Test Cases
* Test Results Reports
* Bug Reports
* Test Summary Report

### **Testing Strategy/Approach**

* **Manual Testing**: The application will undergo manual testing for all functionalities.
* **Functional Testing**: Verify that each function of the healthcare app works as expected.
* **Usability Testing**: Ensure the app is user-friendly and intuitive.
* **Security Testing**: Verify that sensitive data (e.g., patient records) is securely handled.

### **Test Environment**

* **Operating Systems**: Windows 11, Android14
* **Browsers**: Chrome, Firefox
* **Devices**: Desktop, Samsung24
* **Database**: MySQL
* **Test Tools**: None (manual testing)

### **Test Schedule**

| Task | Start Date | End Date |
| --- | --- | --- |
| Test Case Design | 13-12-2024 | 15-12-2024 |
| Test Execution | 16-12-2024 | 21-12-2024 |
| Bug Reporting | 22-12-2024 | 24-12-2024 |
| Test Summary Report | 25-12-2024 | 26-12-2024 |

### **Test Criteria**

* **Pass Criteria:**
  + All test cases pass as per the expected results.
  + No critical or high severity bugs remain unresolved.
* **Fail Criteria:**
  + If any test case fails and critical issues are identified, testing will be re-evaluated.

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