Test Plan Document

The **Test Plan** document should include the following sections:

Test Plan Template

1. Introduction

- **Purpose**: Test the functionality of the appointment booking system.

- **Scope**: Includes tests for patient signup, login, appointment booking, and management by receptionist and doctor.

2. Objectives

- To ensure the system performs all tasks as per the use cases.

- To verify system reliability, user experience, and error-free operation.

3. Resources Required

- Testers (manual)

- Access to the application

- Testing devices (Desktop/Smartphone)

4. Testing Strategy

- **Manual Testing**: Functional, UI, and Usability testing.

- **Automated Testing**: Use automation tools for performance and load testing (if required).

5. Test Approach

- **Functional Testing**: Validating all use cases, such as signing up, booking appointments, and modifying them.

- **Usability Testing**: Ensuring the system is easy to use, especially for patients.

- **Security Testing**: OTP generation, phone number validation, and login verification.

6. Test Deliverables

- Test Cases

- Test Reports (Execution reports, defect logs)

7. Test Environment

- Web-based application

- Supported browsers (Chrome, Firefox, Edge, etc.)

8. Risks & Mitigation

- **Risk**: OTP delivery delay or failure.

- **Mitigation**: Test SMS functionality with multiple test cases.