

# Functional Requirements Specification (FRS)

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Project: Healthcare Appointment System

Version: 1.0

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## 1. Introduction

The Functional Requirements Specification outlines the key functions of the Healthcare Appointment System.

## 2. Functional Modules

### 2.1 Appointment Booking

- Patients can view available slots
- Patients can book, reschedule, or cancel appointments
- Confirmation sent via email/SMS

### 2.2 Patient Management

- Create and manage patient profiles
- View medical history and past appointments
- Ensure secure access control

### 2.3 Staff Management

- Staff can view schedules
- Staff can block unavailable slots
- Staff can access patient appointment records

### 2.4 Billing & Payments

- Automatic billing generation after appointment
- Integration with payment gateway
- Generate invoices and receipts

### 2.5 Notifications

- Appointment reminders via SMS/email
- Cancellations and reschedules trigger alerts
- Billing confirmation notifications