

Part 1.1: Functional Requirements

1. The system shall allow Office Managers to register new Dentists with unique ID, first name, last name, contact phone, email, and specialization.
2. The system shall allow Office Managers to enroll new Patients with first name, last name, contact phone, email, mailing address, and date of birth.
3. The system shall allow Patients to request appointments via phone call or online form submission.
4. The system shall allow Office Managers to book appointments upon receiving requests.
5. The system shall send confirmation emails to Patients when appointments are booked.
6. The system shall allow Dentists to sign in and view their appointments with Patient details.
7. The system shall allow Patients to sign in and view their appointments with Dentist information.
8. The system shall allow Patients to request appointment cancellations or changes.
9. The system shall prevent scheduling more than 5 appointments per week for any Dentist.
10. The system shall prevent Patients with unpaid bills from booking new appointments.
11. The system shall store information about each Surgery location including name, address, and phone number.
12. The system shall track the status of each appointment (scheduled, completed, cancelled, etc.).
13. The system shall manage billing information for dental services provided to Patients