 **Dentist Registration:**

* The system shall allow the Office Manager to register new Dentists by capturing a unique ID, first name, last name, contact phone number, email, and specialization.

 **Patient Enrollment:**

* The system shall enable the Office Manager to enroll new Patients by recording their first name, last name, contact phone number, email, mailing address, and date of birth.

 **Appointment Requests:**

* The system shall allow Patients to request appointments either by phone call or through an online form available on the website.

 **Appointment Booking and Confirmation:**

* Upon receiving a request, the Office Manager shall book the appointment, and the system shall automatically send a confirmation email to the Patient.

 **Dentist Appointment Viewing:**

* Dentists shall be able to sign in and view a list of their scheduled appointments along with relevant Patient details.

 **Patient Appointment Viewing and Management:**

* Patients shall be able to sign in to view their appointments and the corresponding Dentist’s information.
* Patients shall be able to request cancellations or changes to their appointments.

 **Surgery Information Management:**

* The system shall maintain detailed information about each dental surgery (name, address, telephone number) and associate appointments with the appropriate surgery location.

 **Appointment Scheduling Constraints:**

* The system shall enforce a rule that a Dentist cannot have more than 5 appointments in any given week.

 **Billing Constraint:**

* The system shall prevent a Patient from requesting a new appointment if they have an outstanding, unpaid bill for a previously rendered dental service.