## 1.1 Functional Requirements

- System will record Dentist details: ID, Names, Contact Info, Email, and Field of Expertise.

- System will record Patient demographics: Names, Contact, Email, Address, Birth Date.

- Patients have the ability to schedule appointments through the web or phone.

- Office Manager schedules appointments and confirms via email.

- Dentists have access to view their agenda and patient information.

- Patients have access to view their appointments and assigned Dentist.

- System allows patients to modify or cancel their appointments.

- Dentists are restricted to five appointments each week.

- Patients with unpaid bills will be blocked from booking new appointments.

- System displays Surgery locations with their details: Name, Address, Phone.

## 1.2 Domain Model UML Class Diagram

A screenshot of a computer

Description automatically generated