

## Software Requirements of Dental Surgery Management System (DSMS)

- The system should allow the Office Manager to register Dentists.
- Each Dentist should be assigned a unique ID number.
- Dentist information should include First Name, Last Name, Contact Phone Number, Email, and Specialization.
- The system should enable the Office Manager to enrol new Patients.
- Each Patient should have a unique ID number.
- Patient information should include First Name, Last Name, Contact Phone Number, Email, Mailing Address, and Date of Birth.
- Patients should be able to request appointments via phone or online form.
- Upon appointment request, the Office Manager should be able to book appointments and send confirmation emails.
- Dentists should be able to sign in and view their scheduled appointments.
- Each appointment should have details of the scheduled Patient.
- Information about each Surgery location, including name, address, and telephone number, should be available in the system.
- Patients should be able to sign in and view their scheduled appointments.
- Patients should be able to request appointment cancellations or changes.
- Dentists should not be assigned more than 5 appointments in any given week.
- The system should prevent Patients from requesting new appointments if they have outstanding, unpaid bills.