**Assignment 3**

**Task 1:**

**Functional Requirements**

User authentication, Dentist/Patient(Registration), Appointment(Booking, Viewing, Canceling), Billing integration, System Notification**.**

**Task 2:**

**Main entities (classes) and their attributes:**

User:

Attributes: UserID, Username, Password, Role

Dentist:

Attributes: DentistID, FirstName, LastName, ContactPhoneNumber, Email Specialization

Office Manager:

Attributes: OfficeManagerID, FirstName, LastName, ContactPhoneNumber, Email

Patient:

Attributes: PatientID, FirstName, LastName, ContactPhoneNumber, Email, MailingAddress, DateOfBirth

Appointment:

Attributes: AppointmentID, AppointmentDate, AppointmentTime, Status

Surgery:

Attributes: SurgeryID, SurgeryName, LocationAddress, TelephoneNumber