**ADS - Dental Surgery Management System**

**Task 1: Identify and present the Software Requirements in a list of short statements.**

1. Web-based application – To manage growing network of dental surgeries
2. Office Manager

* Registers Dentists
* Enroll new Patients
* Confirms appointment for patients
* Sign in/out

1. Patient (patient ID, fname, lName, phoneNumber, email, mailingAddress, dob)

* Book new appointment
* Sign in / out of the system
* View their appointments
* Change appointment
* Cancel appointment
* View dentist information
* Receive confirmation email, after office manager confirms the appointment

Patient can’t book new appointment if they have unpaid or outstanding bill.

1. Dentist (dentist ID, fName, lName, phoneNumber, email, specialization)

* Able to sign in/out of the system
* View list of all their appointments
* View all their patient’s details
* Should have <= 5 appointments in a week

1. Appointment

* Surgery Information
* Appointment date and time

1. Surgery (surgery name, address, phone number)

**Task 2: Perform System Analysis & Design, and create a Domain model UML Class diagram for the  
software solution**

