**To Do List:**

Code should always be properly indented, commented, and comply with standard naming conventions (understandable variable names, camelCase)

Sprint 1:

~~• Implement authentication (log in) function for the receptionist.~~ **Joel**

• Implement the ability for receptionist to add a doctor to the system with confirmation message.

• Selection of Junit tests and two-page documentation showing specifications and tests passing.

~~• Report of Scrum stand up meetings.~~ **Kurt**

• One page document allocating tasks and describing who does what.

Sprint 2:

• Three additional functions from list

• Selection of Junit tests and two-page documentation showing specifications and tests passing.

• Report of Scrum stand up meetings

Sprint 3:

• Implement authorisation checks and two additional functionalities from list.

• Selection of Junit tests and two-page documentation showing specifications and tests passing.

• Report of Scrum stand up meetings

• Database design and two-page documentation describing tables, columns, keys with justification.

Functionalities

• The system should allow an admin/receptionist to enter a new doctor by providing their details, e.g. name, phone number, background. The system should then send a confirmation message to the doctor.

• The system should allow an admin/receptionist to enter a new patient by providing their details, e.g. name, phone number, and assign a doctor to the patient using the list of all doctors. The system should then send confirmation messages to the patient and the doctor.

• The system should allow an admin/receptionist to change a patient’s doctor using the lists of all patients and doctors. The system should then send confirmation messages to the patient and the doctor. 2

• The system should allow an admin/receptionist to arrange a booking for a patient (selected from the list of all patients) with their doctor by entering the date and time. If the doctor is not available for the chosen date and time, the system should warn the admin/receptionist. Otherwise, the system should then send confirmation messages to the patient and the doctor.

• The system should allow an admin/receptionist to view bookings by selecting a doctor from the list of all doctors, by selecting a patient from the list of all patients, or by entering a month and year.

• The system should allow an admin/receptionist to remove or reschedule a booking. If the doctor is not available for the chosen date and time (in case of a rescheduling), the system should warn the admin/receptionist. Otherwise, the system should then send confirmation messages to the patient and the doctor.