Stage 1

First functionality:

* Authentication (log-in page)
* Landing page

Sam is going design the database, implement it and develop the front end for all the pages of the first functionality.

Second functionality:

* “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”

Sophie and Ed will take responsibility of the second functionality. Ed is going to develop the front end in a form like page and Sophie will extract the data and add it to the doctors database.

Testing:

Logan will take the responsibility of testing the doctor’s information being inputted to the form.

Stage 2

First functionality:

* “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.”

Ed will take responsibility for this functionality

Second functionality:

* “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.”

Sam will take responsibility for this functionality

Third Functionality:

* “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.”

Sophie will be take responsibility for this functionality

Fourth Functionality:

* “The system should allow an admin/receptionist to view all patients with their summary information, e.g. name, phone number.”

Bolu will be take responsibility for this functionality

Logan will help with all functionality

Testing: each person will test their own functionality.

Stage 3

First Functionality:

* “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.”

Ed and Logan will take responsibility for this functionality.

Second Functionality:

* “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.”

Sam and Sophie will take responsibility for this functionality.

Third Functionality:

* “The system should allow an admin/receptionist to view all patients with their summary information, e.g. name, phone number.”

Bolu will take responsibility for this functionality

Test cases: Everyone

Database Design Document: Sam

Quality Insurance: Ed

Video Demonstration: Sophie

Plan for collaboration:

* Meetings every Monday at 3pm to discuss progress and to assist anyone needing support .
* Discord and WhatsApp group chats have been set up for emergency help.