Functionalities to demonstrate:

1. Log In (Conor)
2. Access patient details from the database (Chris, Nicola Taylor?)
3. Assign patient a triage category (Rebecca)
4. Patient gets placed in a treatment room (and message to call patient into treatment room) (Steve)
5. Patient leaves treatment room after 10 minutes (Steve)
6. Patient remains in treatment room for an extra five minutes after doctor requests extra time(Steve)
7. Patient gets placed in queue as all treatment rooms are occupied (Steve)
8. Patients in queue get organised by triage category and then by waiting time (Steve)
9. Alter patient’s triage category (Steve)
10. When a patient’s waiting time reaches 25 minutes, the patient is moved to the front of the queue regardless of triage priority (Steve)
11. When more than two patient’s waiting time exceeds 30 minutes, a Twilio message and email is sent to the manager (Vicky)
12. When all treatment rooms occupied and an emergency patient arrives, the emergency patient replaces a non-emergency patient in a treatment room. The non-emergency patient is placed at the front of the queue. (Jonnie)
13. When all treatment rooms occupied with emergency patients and another emergency patient arrives, the emergency patient is placed with the on call team and a Twilio message is sent to the on call team (Jonnie+Vicky)
14. When all treatment rooms occupied with emergency patients, on call team engaged, and another emergency patient arrives, the emergency patient is sent to another hospital (i.e. removed) and a Twilio message is sent to the manager (Jonnie+Vicky)
15. Emergency patient leaves the on call team after 15 minutes (Jonnie)
16. When maximum waiting time is under 10 minutes, the queue status code is one (Jonnie)
17. When maximum waiting time is between 10 and 20 minutes, the queue status code is two (Jonnie)
18. When maximum waiting time is over 20 minutes, the queue status code is three (Jonnie)
19. When the queue is full, the queue status code is four (Jonnie)
20. When the queue is full a Twilio message is sent to the on call team (Vicky)
21. When the queue is full and another patient arrives, the patient is sent to another hospital (i.e. removed) (Jonnie)
22. Search for patients in queue based on triage category (Steve)
23. Search for patients in queue based on name (Steve)
24. Search for patients in queue based on NHS number (Steve)
25. Record of when patients leave treatment room (Kevin)

* Rebecca with tests and diagrams (UML)

Other –

* Pulling all records for a particular patient (Nicola, Taylor, 2484804682, BT17 9QJ)
* Client side validation (white space, apostrophes, Chris’ postcode thing)
* Add Aidan as a patient, show he doesn’t exist before, add and show he now does
* Finding a John/Jane Doe later by estimated treatment time after finding their details
* Average treatment times