

# BI-WEEKLY REPORT

## 23 MARCH 2018

NTT DATA: SLEEP DATA WITH GOSH

TEAM 29

MARIAM ABBAS, ABHINATH KUMAR, VIJEYKANNEN VIJAYARATNAM

### OVERVIEW

In these final weeks before submission, we focused on putting the final touches on the system and completing the project deliverables. We also conducted user acceptance tests with our clients.

### MEETINGS

WEDNESDAY 14 MARCH 2018

We met with Mr. Warren Stone and Mr. Gadhu Sundaram at NTT Data's offices at the Royal Exchange Building and showed them the new system with real time updating built using Chart.js. They were happy to finally get to see the system in person and were impressed with it. They shared about the other potential clinical uses and how the project could be furthered. They undertook our User Acceptance questionnaire and also gave feedback on our project website.

### PROBLEMS

- Many deadlines from other modules and Scenario Week have slowed progress severely.

### PLAN

- Finish research over the winter break and get a basic implementation working.

### INDIVIDUAL SECTIONS

MARIAM ABBAS

Finalised the Mobile App, adapting the UI so it's clean and clear, created content for our final website. Created our final video.

ABHINATH KUMAR

Created final dashboard with real-time ECG graph, heart rate KPI and posture KPI. This was done by using Chart.js and AJAX calls. I then managed to make the dashboard UI look close to our final wireframe, I created during the design phase. We then implemented the multiple studies and physicians feature, which allows multiple shirts to be connected to the system at the same time. We also added a feature to download a whole study as a CSV file for later use for doctors. The week then continued with documentation, testing and deployment.

VIJEYKANNEN VIJAYARATNAM

I created the project website and created the diagrams needed. I helped with the final touches with the dashboard and prepared the source code for final submission. I compiled the remaining documentation.