

# Microsoft and Nuffield Health Project

**Date of report:** 27/01/2017

**Team members:** Matineh Akhlaghinia, Sachchit Prasad, Romain Dumon

## Overview:

The focus of the second half of the project is now implementing our design and solutions and to start working on the final deliverable. The team had met with Alex at the beginning of this phase to discuss what the next steps should be, now that these have been clarified, the team intends to complete all these tasks in preparation for the next stage which will be implemented. All team members have been learning NodeJS over the course of the last few weeks and this current week. We have looked at Beta testing, how to integrate third party applications and have continued work on the API wrapper.

## Meetings:

Date	Location	People Present	Minutes
18/01/2017	George Farah Cafe	Matin, Sachchit	The team met together to discuss the next steps for the second phase of the project and also how to prepare the presentation. The team looked at the slides that had been created and by the end finalised the slides.
19/01/2017	Barbican Offices - Nuffield Health	Matin, Sachchit, Alex	The team met Alex to discuss the next stages of the project and make sure we all had the same idea of the timeline to follow. The main outcomes were that the team would look at how to link Alexa to accounts, how to publish the bot to a platform and how beta testing could be done. If not possible, the team would make a shared account for everyone to access and test the bot.
20/01/2017	Birkbeck B35	Matin, Sachchit, Romain	Delivered presentation to other students on the module and also to the UCL representation.
26/01/2017	Cruciform B1.10	Matin, Sachchit	The two parts each of these members were working on were related hence both had met together in order to check progress and answer any questions for the implementation of the other person's work. Very brief meeting.
27/01/2017	Skype	Matin, Sachchit, Romain, Alex	During this meeting we discussed the things we have achieved at this point to confirm that we are on the right track about beta testing, database model and relations and authentication for Amazon Alexa.

27/01/2017	MPEB 1st floor	Matin, Sachchit, Romain	We talked to our TA to let him know about the things we have been through during this week and we also discussed the steps we are going to take by next friday.
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**Tasks completed:**

- Team has learnt NodeJS
- Looked at 3rd party account linking
- Looked how to provide beta testing features
- Data model for our database

**Problems to resolve:**

- Set up platform to beta test

**Plan for the next two weeks:**

- Start implementing the 3rd party linking on the Amazon Echo on a dummy app
- Start building the first prototype
- Develop the database

**Tasks completed by the team members:****Sachchit Prasad:**

Attended the meeting with Alex to discuss the next stages of the project and decided which parts suited me and my strengths - decided to take on linking 3rd party applications to the Amazon Echo. Also produced the slides and gave the presentation as I believed presenting is one of my strengths. I did some research into the new methods provided by Amazon to link 3rd party applications and have been trying to implement while also looking into some beta testing aspects. Created a short, 1 page summary document for my work. As with the whole team, I have also been trying to learn NodeJS so that we can start working on implementing our solutions.

**Matineh Akhlaghinia:**

Arranged a meeting with our client Alex to discuss our development plan for the next sprint. After that, considering my teammates' strengths, I divided the tasks to each individual including myself. On the development side, I have been learning MySQL to develop the database for our system. I have designed the data model which now is ready for our client approval. For setting up the database with the API wrapper application, I tested a couple of ways including Azure SQL Server, which I failed to bring it up with the API app. In the end I decided to use LAMP to host our SQL database on. I have been learning Node.js parallel to these and I have looked into the ways we can do beta testing for Microsoft Bot Framework.

**Romain Dumon:**

Worked on beta testing and looked at how to integrate it to the project. I also used the 2 weeks to set out what I will work towards the deadlines that Alex has given us. Beta testing will not take too much time so I will try to achieve it quickly so I can start working on designing the bots. I have also started writing out possible interactions the users can have with the bot. I am excited to work on the project and am looking forward developing the actual product.