

Microsoft and Nuffield Health Project

Date of report: Team members: Matineh Akhlaghinia, Sachchit Prasad, Romain Dumon

Overview:

The aim of this biweekly period has been to continue developing the bot and start reaching a stage where we are closer to our final user flow. The bot is currently functional and we have been working to add features to both functionality and the UX. With regards to Alexa this is at a less mature stage and we will put more focus on having a basic demo on this so that we can complete the digital assistant part of the project.

Meetings:

Date	Location	People Present	Minutes
03/03/2017	MPEB 1st Floor Labs, UCL	Matineh, Sachchit, Romain	The team had their meeting with each other and the TA to give an update on the state of the project and to brief him on what the team members had completed and what they would be working on in the next two weeks.
06/03/2017	Henry Morley, UCL	Matineh, Sachchit, Team 31, Alex	Met Alex to discuss the current state of the project and demonstrate the progress that had been made so far. The system architecture was also drawn up to show the flow of the current bot - where we flagged up to look up why speed was an issue. We then discussed the next steps to take which were to add the user request to the database, adding cards and reminders (not an immediate concern).

Tasks completed:

- LUIS model integration with chat bot
- API integration with chat bot

Problems to resolve:

- Speed of response from API and database

Plan for the next two weeks:

- Finish cards and improve the UX
- Get a working demo of the Alexa skill
- Integrate API with Alexa
- Complete the API to be able to book a class in the database

Tasks completed by the team members:

Sachchit Prasad:

This week my main tasks have been to look at how to integrate cards to start improving our user UX, I had found a GitHub repository with the correct needs. I will be adding these as needed and work on this will be completed by the end of the coming week. I have also completed the slides for the demo with Yun Fu on the 10th March.

Matineh Akhlaghinia:

I have mainly been working on developing the chat bot. I managed to integrate LUIS completely with the bot to the point that our bot realizes user's intents in different ways as well as recognizing the entities inside the sentence to create the correct flow. I have also integrated some parts of the bot to the API and also have been trying to make the user experience better.

Romain Dumon:

I have been working on Alexa and integrating the http request in the application. It is now possible to view the available bookings by making a call to the chatbot. The integration still has to be completed and I will be working on that in the next few weeks. Furthermore, I will have to work with the other team to start linking the login information. I am very excited to work on that part which will involve some interesting conversation with the other team.