Microsoft and Nuffield Health Project

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

Overview:

The first week of this biweekly period was reading week and the second half was scenario week, however we have managed to get most of the tasks we wanted to get done by this time completed. LUIS has now been integrated with our chat bot so that it understands more phrases than it did previously and the team still needs to complete the Alexa bot. Moreover, our API interacts with our Database server now. For the this we still need to have the skill integrated with the dialogue flow.

Meetings:

Date	Location	People Present	Minutes
17/02/2017	Roberts Cafe	Matin, Sachchit	Spoke about the LUIS integration and the bot and also started looking at how to start the part with Alexa.
17/02/2017	Microsoft Paddington Offices	Matin, Sachchit, Team 31, Paul	Both teams for the project went to the Microsoft Offices to meet Paul and inform him on the progress being made. Any clarifications that were needed were cleared up and we also informed him of our next steps.

Tasks completed:

- LUIS integrated with the chatbot
- Flow of dialogue completed
- API integrated with the Database

Problems to resolve:

- User authentication which would be part of our integration with team 31

Plan for the next two weeks:

- Complete the Alexa bot
- Integrate the bot and get it to interact with the sister team, Team 31.

Tasks completed by the team members:

Sachchit Prasad:

Worked on training the models for use in the bots and also worked on integrating the bot with LUIS and with Matin's help, this was finally completed. Since that stage was complete, I have also complete the chat flow with the bots so that we can train whichever areas are left and then add that to the bot dialogue. I have also been researching how to create an Alexa Skill and will be working on that for completion by the coming week.

Matineh Akhlaghinia:

I finished the integration of the API and the database which were separately implemented during the last month. I helped Sachchit with the model training and some configuration tasks. After making sure everything is set, I started integrating the natural language processing model (LUIS) with the chatbot following a tutorial. I've managed to integrate the intents until now and hoping to integrate entities as well within next 2 days.

Romain Dumon:

During this last 2 weeks I have kept working on the Alexa skill. I have mostly been coding and getting used to working with the testing environment given by the aws services and the Alexa developer tools. I have built the root of the skill and will now need to add more intent to make the application cover more commands. Furthermore, I will have to add in the http request part to get the information from the back end. What has taken be the most time so far is the testing which involves many configurations which can be hard to manage. I wilwl keep working hard to be able to have a quick working demo as soon as possible. I hope to be testing it on the real Alexa by the end of the week.