Bi-Weekly Report 27/01/2017

Team 12 (MegaNexus) - Oliver Bennett, Bogdan Ionita, Vlad Popa

Overview

This report will cover the past two weeks in addition to work done over the christmas break. We have begun development of the demo sites as per the outline in the previous report. We began with the Care Home demo site as we had a comprehensive set of requirements on what each page of this site should contain. We chose to use Bootstrap for the front-end, Flask for the backend and sqlite3 for the database. As of the 27th we have completed the majority of the care home site and work is underway on getting the 2-way video calling API implemented as well as the GP demo site.

Meetings

12/01/2017 - Skype Progress Update

In this skype meeting we spoke with Jay and Umesh (Project Managers) to discuss our progress since we last spoke before Christmas. In this meeting we shared with them our progress on the front-end for the Care Home demonstration site. Then we went through some changes that needed to be made to the front-end and some new screens to show the appointment booking process. We then agreed to catch up again the following week for a further update.

18/01/2017 - Skype Progress Update

In this skype meeting we went through the additions and changes we made to the Care Home front end. At this stage the Care Home site's frontend is mostly complete so we discussed the remaining tasks left which include the backend/database, video conferencing integration, GP demo site front-end and VISION API integration. We were told that the we would be getting the VISION API in at most 2 weeks. Bogdan also updated everyone on his research into video conferencing API's, concluding that the most viable option right now may be integrating skype into the demo websites as that does not cost anything. We then organised to have skype progress updates twice a week.

24/01/2017 - Skype Progress Update

In this skype meeting, we showed the client our progress on the database and backend. At this stage we have about half of the site working with the backend, including functionality to filter, add and edit residents. We also went through our latest research into video API's and agreed to send the client a document comparing the various API's we found. Our next progress update is on the 26th.

26/01/2017 - Skype Progress Update

In this quick skype update I showed the client some of the latest progress on the backend and database. We added the rest of the pages to the backend and created a few tables in the databse to handle the appointment booking process.

Tasks

Task	Completed by
Care Home Front End	Oliver / Vlad
Research into Video API's	Bogdan
Flask backend / sqlite3 database	Oliver

Problems

- None at the moment.

Future Plan

Task	Responsible	Estimated finish date
GP Demo Site Front End	Vlad	31/01/2017
Video API Integration	Bogdan	31/01/2017
Backend / Database for GP site	Oliver	31/01/2017

Individual Reports

Oliver Bennett

Over the past two weeks and the christmas break, I started the development of the Care Home demo site's front-end. I chose to use Bootstrap to style the website as I had experience with this before and we needed to create the sites fairly quickly so I didn't have time to learn a new framework. I created the main template page, resident search page, resident profile page including the appointments tabs, as well as the entire appointment booking process.

Furthermore, I have nearly finished the backend and database for the site. This was done using Flask and sqlite3 for the database. At this point about 90% of the backend for the care home site is complete with only a few minor features left to add. I also spent the last two weeks liaising with the client, giving them progress updates and requesting guidance material when necessary.

Bogdan Ionita

For the past couple of weeks I have attended 3 meetings with MegaNexus and worked along with their priorities. I had the task of researching different Web-based Video calling API's, and to start implementing them so see which one suits our project the best. One of the concerns was also the price of the API, since our clients would not only want to see the PoC working, but also not spend anymore development on it, and keep it as it is for one or two years, so they want to know the forecasted price for this period. Because of that, I started putting together a side by side comparison between the different solutions I have found.

Vlad Popa

For the last two weeks, my responsibilities were to write the front end of the patient side on the demo website. I have contributed to the patient view, writing HTML and CSS code in order to create the calendar page, the info page, the new user page and some other pages. Also, I have attended the meetings with MegaNexus in order to plan the next steps and receive feedback on our progress. The next thing to do is to finish the implementation of the patient view and proceed to work for the GP side of the website, creating the front end for this part.