

# Bi-Weekly Report 10/03/2017

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

## Overview

During the past two weeks we finished the remaining pages for the GP site, and integrated that into our existing server that was running the care home site. We then tested the demonstration setup using two laptops in order to test the video calling functionality between the two different sites, effectively simulating a typical usage scenario of the sites. This was done in time to give a demonstration of the system to our client.

## Meetings

### 28/02/2017 - Skype Progress Update

In this quick skype update, we again showed the client our latest progress on the GP sites front end features. Vlad took several screenshots of the system at this stage to get some feedback as well as enquiring about future necessary features.

### 09/03/2017 - Skype Progress Update

In this skype update the client wanted to see the finished GP site prior to our demo at their offices the following day. Bogdan updated the client with his latest progress on the GP site, letting them know that we only had to finish up the appointments page, and integrate the GP sites code into the server code for the care home site and then test the demonstration setup in preparation for the demo the following day.

### 10/03/2017 - System Demo to Client

In this meeting we demonstrated the two websites working together to our client. We demonstrated the main function of the Care home website - viewing/adding/editing patients, and booking appointments for them, as well as for the GP site - viewing/booking appointments. We also demonstrated the working 2-way video/audio consultation to the client. The client along with several other members from the company thought the websites looked good and clean and they went through adding a new patient to the care home website. We encountered some technical difficulties during the middle of the demo but in the end the demo worked. We ended the meeting by asking for feedback from the client, and we organised a set of action points for the following week.

## Tasks

Task	Completed by
GP Site Backend	Bogdan
Video API integration	Bogdan
Test demo setup	Bogdan/Vlad

## Problems

- None

## Future Plan

Task	Responsible	Estimated finish date
Minor changes/fixes	Vlad/Bogdan/Oliver	End of term
Integrate VISION API	Vlad/Bogdan/Oliver	Depends on when we get API

## Individual Reports

### Oliver Bennett

These past two weeks I have not done much development, instead focussing on maintaining contact with the client and our team in order to give accurate progress updates to our client. Additionally I have been creating a presentation to update our course leader on our team's progress as well as writing reports. Furthermore, I have helped out Bogdan and Vlad when they were unsure of certain aspects of the GP site, providing feedback and my own input into what should go into that site.

### Bogdan Ionita

The past weeks, we have been wrapping up the two websites we have to do. Since our client required us to present on 10/03 a demo of both platforms and the 2-way-video functionality I have been working towards that. I have developed the GP site from the 2 screenshots we had about it. I iterated on the front-end, modified the database so it accommodates the doctors' data

and also did some refactoring because of some redundancy in the database, having to modify most of the back-end queries of the AtHome site too. I have developed the backend for the GP site and also finished integrating the video api on it. Towards the end of these two weeks I had to move both websites on the same local server so they would be able to communicate through the local database we had in place. We have also manually tested both platforms and the interconnectability manually. I have started putting together some automating test functionality using the integrated unit and integration testing capabilities of our backend and server, flask, using its mock-up functionalities for unit testing.

## Vlad Popa

In the past weeks my task was to work with Bogdan to create the GP site, including both frontend and backend. For the frontend part I have finished what I have started previously and integrated it in the project. We had to be creative as there was little information about how the GP's platform should look like. After that we have worked to populate the site with data from the server and put AtHome and GP in connection. We have then tested the hole product and presented to MegaNexus, asking for feedback, which was a positive one.