

Bi-Weekly Report 10/02/2017

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

Overview

Over the past 2 weeks we have made progress with the care home back end, finishing the final bits of functionality and fixing minor issues here and there. Furthermore we have integrated the 2 way video calling API into the care home site. We have successfully tested the 2 way setup using two browser tabs open on different ports to simulate another instance of the care home site up. The plan for the next two weeks is to get the GP demo site up and running and to integrate the video calling API into that site so we will then be able to test the two sites running on separate computers as will be required in the demo's.

Meetings

09/02/2017 - Skype Progress Update

In this skype progress update we demonstrated the latest updates to the client. This included the resident photo uploading feature, the notifications feature and the openTOK 2-way video implementation on the care home demo site. We also discussed outstanding issues such as the VISION API that we are waiting on, requirements for the remaining tabs on the resident profile page and progress on the GP demo site.

Tasks

Task	Completed by
Notifications	Oliver
2 way video/audio API	Bogdan
Started on GP demo site frontend	Vlad

Problems

- Not much guidance on the how GP demo site should look
- Have not got access to VISION API to integrate it yet

Future Plan

Task	Responsible	Estimated finish date
Finish GP site frontend	Vlad	
Finish GP site backend	Oliver	Depends on frontend
Test demo setup	Bogdan	Depends on GP Site
Integrate VISION API	Vlad/Bogdan/Oliver	Depends on when we get API

Individual Reports

Oliver Bennett

These past 2 weeks I made the last few additions to the care home site's backend. These include the resident picture uploading feature and the notifications feature. I used simple examples from Flask's documentation page to get these two features working. In order to make the notifications look aesthetically pleasing I made use of the Skywalk notifications component for our Bootstrap frontend. Furthermore, I fixed some minor issues such as adding a blank option to the gender filtering option when searching for residents which allows a care home professional to be able to view all records with a single search.

Bogdan Ionita

The past two weeks I have finished embedding the OpenTok API for Video Conferencing into the CareHome website, and for testing purposes the 2-way video is currently being used by accessing the same appointment from 2 different instances (computers). I am awaiting the GP side of the website so that I can integrate it with that and conduct further testing of the API. Also I have tested if we could demo the functionality of the Video API using a local server and network and it seems to be able to broadcast the server on the networks which have certain ports enabled (like my home network, HarbourSpace University Barcelona's wireless network, but NOT "eduroam" since it is much more restricted). All this testing was conducted with the network having access to internet, but I will need to try while being disconnected from the internet.

Vlad Popa

During the last two weeks my main task was to work for the GP frontend. After watching a video on how should the system look like, I have searched online for a bootstrap theme that would fit our needs and start working on making it as similar as possible to the one we were shown. I have tried to imitate the colours and think about better solutions for this task.