Bi-Weekly Report 18/11/2016

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

Overview

The focus of the past two weeks has been on finding out about the requirements for our clients, to finalize them and start the plan before we receive the API. We have met at MegaNexus office and also talked on skype about this, we have gathered the requirements and also created a mockup in Balsamiq for our client to agree on the functionalities of the product. Also, we have set up the website for our assessment and added the biweekly reports there. We have agreed to discuss on skype on Monday when 3fivetwo said that the API will be ready.

Meetings

02/11/2016 - MegaNexus NEO Codebase runthrough

This meeting was held at MegaNeuxus' office where we met the senior developer who presented us how the NEO system works. We did not see actual code, but we were given explanations on how everything works and what technologies are used. The points of the meeting were:
- Demonstration of NEO functionality
- Demonstration of NEO code base (did not manage to see this)
- Confirm requirements
- Plans for Mockup
- Confirmation of future meetings

About the NEO system we found out the following:
- It uses SPRING framework and Java Reflection for the FrontEnd
- The UI is done by using jQuery
- After being sent a GET request, the backend sends the HTML code which is then styled using javascript and the framework

11/11/2016 - Mock Up Progress Skype Call

We arranged a Skype call with Mohsin and Jay (project analyst and manager) to discuss the progress of the mock up we were developing in order to demonstrate the interface of the PoC. They were pleased with the result and thought that the mock up was adequate for portraying the interface requirements. We then had a further discussion into the PoC and how we would demonstrate the API calls. As this would not be able to be achieved through Balsamiq, I suggested that the best option would be a prototype web page which would make the API calls to the PMS and the DCD Patient App. Unfortunately we do not have access to either of those

API's yet so it is still unclear how much work will be required here. We were assured by Jay that we should be getting access to these in the next 1-2 weeks.

16/11/2016 - Mock Up Meeting

We have discussed with MegaNexus about the Mock Up we have created and received their feedback. They were impressed about it, and added only a few more features that needed to be clearly visible. We then went over short term goals for the next few weeks:

- Finalise mockup
- Build project website
- Start work on skeleton website to demonstrate future API connection
- Wait for API from meganexus

Tasks

- Created PoC interface mock up using Balsamiq
- Added more in depth requirements
- Discussed requirements with client
- Skype meeting with client to discuss progress on mock up
- Ran through codebase of client's existing system with senior developer
- Started project website

Problems

- Will only have access to API's in a few weeks.
- Requirements cannot be finalised until we have a look at API's to gather full list of data requirements.

Future Plan

- Continue working on UCL website
- Look into API for DCD Patient app and EMIS/PMS

Individual Reports

Oliver Bennett

Since the previous report my main tasks were organising meetings with our client and distributing the work between our team. Our clients requested a mock up of the proposed system in order to show 352 group the proposed app. I took responsibility for this task and delegated the website work to bogdan and vlad. I produced the mock up in balsamiq, basing the

initial draft on the set of requirements we had at that point. After showing the client the first iteration they were pleased with the result and had some further suggestions. I then added a few more screens and cleaned up the UI including making the screens flow better.

Bogdan Ionita

Since the last update, I have attended a few meetings with MegaNexus. As always I had the job of taking notes throughout the meetings. During the NEO Codebase runthrough I have been asking questions about how the system works and that's how I found out how the HTML page is rendered and that the HTML is served by the backend and only "beautified" by the FrontEnd. During the last meeting we have agreed on the roles of completing the next tasks, and I have started working on the project website. I set up a template to work on and transferred it to the departmental server to make it accessible to the world.

Vlad Popa

Those two weeks my main task was to go to MegaNexus and go through the requirements. I had discussed them with the people from MegaNexus and with my teammates and then agreed on the final version. Also, I have started to work for the website we have to do as part of our assessment. Me and Bogdan are responsible for the site for which we are using HTML, CSS, JavaScript and jQuery.