

NHS & IBM - What's the plan: Bi-Weekly Report 3

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Overview

In the past two weeks we have continued research into front-end and back-end technologies. We have also researched further into openEHR archetypes and the technical and conceptual aspects of the openEHR approach. Furthermore we have started drawing up UI sketches on paper and critiquing them as a team during team meetings. Additionally, we have created a github repository and set up our project website on the UCL Web Server. Lastly we updated our project MoSCoW requirements using our client's feedback. However, we had a misunderstanding regarding sending the updated requirements to our client which led to a delay in communication. As a result we are waiting for the client's final approval on the project MoSCoW requirements.

Meetings

4th November:

- Attended a team meeting where we updated project requirements based on client feedback during the previous week.
- Set individual tasks for each team member to draw sketches of the potential UI for the app. This would be presented in a few days and evaluated.

14th November:

- We brought in individual sketches of the UI and compared/evaluated them with one another.

15th November:

- Using the tutorial provided by Dr Yun Fu, we set up the project website on the UCL Web Server.
- We also set up the team Github repository for our team.

16th November:

- Presented our second drafts of the UI design sketches.

18th November:

- Emailed the client with the previously updated requirements after realising our misunderstanding assuming that we had sent them already.

Completed tasks

- Updated MoSCoW requirements after client feedback during the first week.

- Got through two simple drafts of UI sketches of the app. Each team member drew their own versions so we could present them to each other during a meeting and compare/contrast.
- Set up the project website:
<https://students.cs.ucl.ac.uk/2016/group32/website/index.html>
- Created project Github repository.
- Researched into openEHR medication archetypes and how the openEHR approach is conceptually implemented. One of the areas looked into was the openEHR Clinical Knowledge Manager which is the open development of archetypes, templates and terminology subsets to represent health data.
- Carried on research into back-end and front-end technologies.
- Researched into HL7(Health Level Seven) and Insight Segmentation and Registration Toolkit (ITK)

Problems

- We had a misunderstanding by assuming we had emailed our client with the updated requirements after their feedback. Due to this, communication with the client was delayed.

Plan for the next two weeks

- Begin conducting experiments based on research done to see what we can achieve and how. Documenting the findings in the process.
- Maintain and constantly improve/add to the project website. We also plan to get more information on the structure of the final website.
- We will want to show our UI designs to the client after the final set of requirements have been gathered.

Individual reflection

Shivam Shah -

In the past two weeks I have researched further into openEHR medication archetypes by looking at the CKM (Clinical Knowledge Manager) which contains the development of archetypes, templates, and terminology which are used to represent health data.

I also sketched some two drafts of UI designs for the app and aided in identifying the key views/pages in the app. Lastly I helped in correcting the mistakes in the previous project requirements.

Byoung Hun Min - I went through each requirement with the team and refined them based on the client's feedback. Based on these updated requirements, I sketched UI designs for the mobile app. I also created the basic template for the website and set up the website on the UCL web server. I then created the github repository for our team.

Eduard Ursinschi - Designed multiple sketches for the UI of the app based on requirements. Researched into HL7(Health Level Seven) and Insight Segmentation and Registration Toolkit

(ITK). Researched into platforms for prototyping different experiments our team will be conducting. Analysed different aspects of other technologies that could match the requirements.