

NHS & IBM - What's the plan: Bi-Weekly Report 6

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Overview

Over the recent holidays, we wrote our individual reports of the first term's progress and its accomplishments in regards to the project. During this period, we also created a team video for the What's The Plan project which identifies the important aspects such as the project brief, research and deliverables.

In the last two weeks, we began development of the application using Ionic and Firebase as identified from our research into frontend and backend technologies. So far we have created the Signup and Login features and have implemented proper authentication for users. We have also continued further with development of the front end pages for the app by frequently consulting our approved prototype from term 1.

Meetings

20th January:

- Planned team structure for the next term. Such as having frequent Skype calls to complement the Agile Scrum methodology we planned to implement.
- Agreed to have more team development sessions together at UCL during a week. These sessions fall on Tuesday and Friday.

24th January:

- Met up to begin development of the app together.

27th January:

- Attended lab session to continue development of the app and meet our Teaching Assistant to discuss problems we currently face.

Completed tasks

- Write up individual reports.
- Create Team Video for the What's The Plan project.
- Start development with the POC, so far completed a functional login authentication feature.
- Created some other front end pages using Ionic Creator website.

Problems

- The team is struggling with developing archetypes and the general openEHR approach. Our aim to learn more about the approach is to continue watching visual tutorials of openEHR development on YouTube and or consult our Teaching Assistant for advice/support.

Plan for the next two weeks

- Carry on development of the app and make significant progress with some features of the app.
- Solve our current problem by learning entirely how we can develop our app using the openEHR approach.

Individual reflection

Shivam Shah - Over the holidays, I worked with my team to create the video for the project by providing the powerpoint slides and voice over script. In the past two weeks, I have worked with the team to aid in development, specifically front end development using Ionic. I also conducted extra research into openEHR and watched numerous tutorials on how to implement it in our software. However, I still struggle to fully grasp the implementation of openEHR so my personal goal would be to understand how to do this by the next biweekly report. Lastly, I have been in charge of writing meeting minutes and the biweekly reports, as my primary role of Chief Editor remains the same.

Byoung Hun Min - I have worked with the team and started development using Ionic and Firebase. We implemented the authentication process of the app with Firebase authentication and also created a few front end UIs using the Ionic Creator tool. In my personal time, I also went further in developing the app. I worked on structuring the app using the MVC design pattern for the backend with AngularJS and also implemented the user profile feature.

Eduard Ursinschi - I have looked into how openEHR could be integrated in the application using Javascript and figured out possible solutions. I have also attended the team meetings where we decided which is the best approach for implementing the designed system.