

Cancer Team 1

Bi-Weekly Report 9

Friday 10th March 2016

Team 35 Julien Nahum, Ben Hadfield, Sim Zi Jian

Overview

In the past two weeks, we worked on various parts of the application, both the front-end components, and the back-end function calls and API that accesses the database. We also met up with a medical research student that gave us insight on the project. Besides that, we worked on our slides and presentation to our TA, while also working on our demonstration by integrating the various components we had built onto an existing Electrode framework. We feel that we have done good progress and that in the two coming weeks, we should progress a lot since the main framework of the app is now done.

Meetings

- **Wednesday 1st of March, Team 35:**

We met to work on all of our components. We also think on how to use the openEHR API to make a nice and clean integration of it. By doing so, we started the development of the referral form prototype.

- **Friday 3rd of March, Team 35:**

We met to work on all of our components. We had some troubles with all the post request of the API. After lot of tests , we realized that there was just a typo in the request's headers.

- **Tuesday 7th of March, Team 35 and Neera Senthivel:**

We met Neera Senthivel, a first year medical student at UCL. She is getting involved in the Peach project, so she wanted to learn more about our work. After that, we worked on our components, with a main focus on the Jobs list.

- **Thursday 9th of March, Team 35:**

We worked on the slides for the progress presentation. We finalized the Jobs component and integrated the first version of the scheduler to the main app.

- Friday 10th of March, Team 35:

We presented our work to Yun Fu and kept working on our components.

Task Completed

- Jobs list component is almost done
- First version of scheduler added to our main app
- Back-end improved a lot
- Presentation Slides
- Required UI integrated to the app

Plan

- Finish and integrate referral page to the app
- Keep working on the scheduler
- Include different user-types in the app to work on the different users' views
- Improve the UI

Individual Section

Ben Hadfield

This week I focussed on the Jobs component. Firstly, I added redux integrations to the component for getting a the list of jobs, creating a new job and deleting a job. I then used Redux Thunk to create asynchronous requests to the API to fetch and display JSON data.

Julien Nahum

During this period I worked a lot on the back on the back-end of our app. As we decided, the backend is powered by node and uses a mysql database. The data is used through our different react components, so I had to produce a restful API as evolved as possible, to limit the operations required on front-end. So far, I made the back-end for jobs, meetings, meetings occurrences and specialities assignments. I also setup some functions to migrate the required database tables very easily, so that any of us can work fast on the exact same database. In order to test the API, and to help my teammates fully understand the API, I prepared a Postman workspace. It holds all API endpoints, along with description and examples.

In the meantime, I also made a first version of the referral form, that needs to be designed a bit more, and fully integrated to the app.

Along with that, I stayed in contact with our client, Navin, asking for some more details, and explaining him our progress.

Sim Zi Jian

In the past two weeks, I've worked on integrating the drag-and-drop component I've made with a simple calendar. A simple React calendar was made and modified to accommodate the drag-and-drop capabilities required and act as a scheduler for the patients. Several changes were made to the original source code for the management of the states of the React components, which helps in managing the patients that are dragged into the slots of the calendar. Some bugs were also fixed one of which involved patient entries disappearing after buttons were pressed and month dates are changed.

In this week, we met up mainly to discuss about the presentations and to prepare the slides. I also worked on integrating my scheduler component with the main Electrode framework initially built by Ben and Julien.