

Cancer Team 1

Bi-Weekly Report 3

Friday 18th November 2016

Team 35 Julien Nahum, Ben Hadfield, Sim Zi Jian

Overview

For the last two weeks we have started our researches. We found some useful resources mainly for the workflow manager and the drag and drop system. We also change our mind for the website: we are using Jekyll instead of Django as it's going to be easier to maintain. We started our website defining the structure of it, and starting to complete it.

All the teams of the PEACH project also decided to use Electrode.js as a main framework for the final app so we started to look into it.

We all kept learning about node.js and react.js which are the two frameworks Electrode is based on.

Finally, we talked with our TA and with our client. We decided to establish more communications between all the PEACH teams as our requirements all are very linked. We also decided to do some mockups using the software Sketch and Invision to be sure of what our clients desire. Yun Fu also advises us to add a moscow to our website.

Meetings

Friday 28th of October: Team 35

This meeting took place at UCL. We realized that Django was probably not adapted to our case and decided to use Jekyll instead. We kept learning about node.js and react.js.

Friday 18th of November: Team 35

This meeting took place at UCL. We met with our client and our TA who advised us to do the mockups. We kept searching for useful resources.

Task Completed

- Changed from django to jekyll
- Re-started the website / Updated Github repo
- Start learning about electrode.js, keep learning about node.js and react.js
- Started our researches

Plan

- Do some mockups/sketch of our requirements to present them to our client
- Start a Ryver conversation with the different teams (mainly the team handling users and the team creating the form builder)
- Complete our website
- Keep learning about the technologies we are going to use
- Keep searching for useful resources

Individual Section

Ben Hadfield

During this fortnight I began working on the project website. Initially we agreed on using Django to power the site, but after researching the available technology on the UCL server and the requirements of the website we decided that Django was overkill. However, I wanted to ensure that we wouldn't need to write vanilla HTML and CSS because this would lead to a lot of repetitive coding (eg. all the pages would need the same navigation). After looking around I found a Jekyll which essentially builds the source code for a website from markdown files. This was perfect in our case because it took care of the CSS and sections like the navigation and footer for us, allowing us to focus solely on the content of each page.

I also converted the requirements for the website into GitHub issues so we could easily track our progress.

Alongside this we met with our TA and asked him for his recommendations on the best way to proceed with our project. He suggested that we produce a prototype to show our client because this would help us get a clearer idea of what exactly the client was looking for in terms of UI.

Julien Nahum

During these two weeks I learned a lot about node.js and started to look a bit into react.js. I started to learn the framework express.js which often is used with node.

I have also done some researches about packages that could help us in the development of the app. I found a node package named Bpmn execution engine. This package is really close to what we want to achieve with the workflow manager. We started looking into it but we realized that without having more information on user and form models, it would be very complicated. I suggested we set up some ryver conversations with the different teams working on components we might depend on.

Sim Zi Jian

In these two weeks, I've researched a lot about React and Nodejs, which would be the main languages for this project. In the end, the Peach team decided on using Electrode, which combines React, Nodejs and Redux, to serve both front and back-end purposes. As we were being delegated the task of building the workflow manager in the project, we found a few node packages that were designated for this task. For now, we decided that we are going to draw mockups of components of the app using Sketch and presenting it via Invision to our client. I plan to research the forms required for the workflow software and the procedures involved while registering a patient.