The Human Five

NHS

Bi-Weekly Report

28th October 2016

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COMP204P: Systems Engineering 1

Overview

Over the past two weeks we met multiple times and met our initial client for the first time. We were also assigned a new client and thus a new project within this period. The client gave us an intro to the project we will be working upon on mail. Although we haven't been able to meet the new client physically, we were able to talk to him over the phone to discuss the project in brief.

Summary of Meetings

We have had 6 meetings among us and a few meeting with our initial and new clients over the last couple of weeks.

With the client

Monday, 17th October 2016

We met our initial client (NHS and IBM, 'Genomics': Jon Reed, Jonathan Edwards) for the first time. Upon meeting with them, they gave us a brief description of the project they are working upon and told us that our project will perhaps be relatively small part in that huge project. However, they told us that they were still in the planning stage and thus weren't ready enough to assign a project to us and thus give us the specifications. The meeting ended with them telling us that they'll try and send us the project details and specification possibly by the next week.

Monday, 24th October 2016

Upon receiving some information about our new project in brief, we talked to one of our new clients (NHS, 'The Human Five'), Dr. Campbell Murdoch, for the first time over phone. We discussed about the base and the purpose of the project itself. The talk over the phone was more inclined towards the non-technical side of the project. Dr. Campbell gave us a gist of how things were expected to proceed with the project in hand.

Thursday, 26th October 2016

We talked to Kiran Cheema, one of our clients, and discussed the project in brief with a more technical aspect in mind. He told us how the project expects to scale over time. This lead us planning to meet him the following day in order to discuss things in a more detailed fashion.

Thursday, 27th October 2016

We met Kiran Cheema in order to have a technical discussion about the project. We discussed the ways we can store the data received: locally or in a server.Since we and Kiran were developing two parts of the same app we planned to potentially integrate the projects and develop the app together. In order to confirm this and discuss a few other contradicting requirements we planned to meet him and Dr. Campbell the coming Friday.

With teammates

Friday, 14th October 2016

We set up the team website server following the instructions given to us by Dr. Yun Fu. We also informed Dr. Yun Fu and our TA about the fact that no project specifications had been given to us and that our first meeting with the client was to be held on the following Monday. We had been advised to go through the business report that our previous client had sent us to gather as much information as possible in order to have a brief understanding of the project before we meet our client.

Tuesday, 18th October 2016

After our first face-to-face meeting with the initial client, we requested to talk with Dr. Yun Fu explaining our situation and discussing what we are expected to do. This resulted in a Skype call with Dr. Yun Fu. We were told to wait until the end of the week to see if our initial clients were ready to give out the specifics of the project for us to work on, else we will be assigned a new project to work upon.

Friday, 21st October 2016

Being assigned a new project but no specifications for it, we started working upon the design of the team website we were supposed to build for the upcoming scenario week. We discussed what all we plan to put up on it and divided work to do for the same.

Monday, 24th October 2016

After talking to Dr. Campbell Murdoch, one of our clients, we started writing out our initial requirements for the project and sorted them out using the MoSCoW prioritisation technique.

Thursday, 26th October 2016

We modified the team website to fill it with the required information and at the same time made progress with the second Bi-Weekly report.

Initial Requirements

MoSCoW Requirements			
Must	**Should**	**Could**	**Won't**
Features that are critical and must be included.	*Features that are not critical but are considered important*	*Features that are 'nice to have'*	*Features excluded from scope for the planned duration*
App available on iOS and Android platforms.	Users are not limited to enter the data a certain number of times during the day/week.	The users can register through the app to a server.	Desktop version of the application.
A 'knowledge base' area for the app, guiding users about the various aspects of the app.	An admin is able to access any user's score and give them feedback.	Send data periodically from local storage to the database - (probably) from the server.	
Users are able to enter: THF 5 ratings / Stress Level Ratings / The WEMWBS / Daily/Weekly Goals	User can access previously stored data from the database.	An admin is able to access any user's score and give them feedback.	
Users can set the goals as accomplished / unaccomplished.		User can store the data to the server.	
Built-in scoring algorithm to assess each set of inputs.		Users can create group and thus set group goals.	
Save data locally from any device.			
Display user's data graphical/diagrammatic form to evaluate progress.			

List of Tasks Completed

- Understanding the new project's background
- Gathering the initial set of requirements from the client using the MoSCoW prioritisation technique.
- Designing and started implementing the template of website for representation.

- Started researching on potential programming languages, technical tools and libraries for the project.

Since we were assigned a new project the last week, we are quite behind in terms of optimal stage as per the weekly guidelines given to us.

Problems to be Solved

- Catch up with the ideal current stage progress for the project .
- Need to figure out and finalise which framework to pursue.
- There are few things that seem to clash with what has been discussed with the two clients separately.

Plans for the Next Two Weeks

- Create a workflow for the project and split it into modular sections to work upon
- Continue expanding our knowledge on topics and potential tools expected to be used during the later stages.
- We will also research about application architectures and the different frameworks that we can make use of.
- Start working on the UI prototypes for the app.

Individual Team Member Section

- **Keshav Aggarwal**
  Over the past two weeks since we were assigned a new project I wasn't able to make any project specific progress. However I kept working on enhancing my knowledge about design patterns and differents frameworks that we can potentially make use of. I was more involved in discussing the initial set of requirements with the client. I have also starting working on the ideas about the UI of the app. At the same time, I have been working on the content to put up on the team website.

- **Costin Cezar Petrescu**
  Over the past two weeks I have started to work on the website. We have split our

work and each of us took different parts of the website so that we won't confuse each other and be efficient. I am trying also to find some interesting tutorials and resources that might improve my skills that would eventually help in developing this project and usually share them with my team. In the meantime, I am always reading and thinking to find the perfect approach to bring the most efficient solution. Moreover, I have participated in all discussions with the clients and tried to come up with technical and creative questions during the interviews to understand well the requirements.

- **Ashley Liu**

  Over the last two weeks, I have started working on the website with our team members, we split up the workloads in terms of each member's strength and desires so that we can work more efficiently and be helpful to each other. Besides, I have also tried to gather technical information which can lead to deeper and more useful conversations with our client as well as among our team. In the meanwhile, I continued doing readings on Design Pattern and web application development associated teaching materials and resources to build up my knowledge and make it solid even further.