

The Human Five

NHS

Bi-Weekly Report

18th November 2016

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COMP204P: Systems Engineering 1

Overview

Over the past few weeks, we set up the website and completed a few of its sections. At the same time, we researched possible competitors or existing components that we can potentially make use of while carrying out experiments and eventually implement them in the final application. We have also been updating our requirements and further classifying the requirements under different categories for easy use later. Moreover, we started to draw some sketches about the application functionalities and design which were discussed with the client.

Summary of Meetings

We have had 3 meetings among us and a couple of interactions with the client in the last two weeks.

With the client

Friday, 4th November 2016

We talked to Dr. Campbell over the phone and briefly went through what we came up with after our meeting with Kiran, after which we explained the reasons and advantages of developing the server alongside the project. We were trying to persuade our client to allow the app to store user data on the server rather than in local memory initially and developing the server later. We were also asked to prepare some initial UI designs so that we can take them further during our meeting.

Friday, 11th October 2016

We met Dr. Campbell, our client, for the first time alongside Matthew Read. We continued discussing the storing the data on the server. After reaching a tentative solution which we are to discuss with the supervisor we started discussing the potential UI of the app alongside its other functionalities. We had prepared a few sketches in advance, which we went over and to discuss further additions and changes.

With teammates

Friday, 4th November 2016

After talking to Dr. Campbell we decided to discuss our next steps and what to do in preparation of our first meeting with the client next week.


Tuesday, 15th November 2016

We came up with a list of tasks to be done by our next team meeting, and assigned the to each of the members accordingly.

Friday, 18th November 2016

We discussed server issues with the supervisor to be able to finalise all the requirements. With this we decided how to proceed and divided tasks amongst ourselves to complete within the coming week to catch up with the ideal state. We also finalised on the wireframe tool and worked upon the sketches.

Updated Requirements

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

List of Tasks Completed

- Set up the website and added content to a couple of sections.
- Draw initial sketches and discussed with the client about the modifications.
- Finalise the project requirements with client.

Problems to be Solved

- Discuss the server decisions with the client.

Plans for the Next Two Weeks

- Work on different sections of the website
- Finishing sketch prototypes for the app using a wireframe tool
- Start working on Personas, Scenarios, Gantt Chart, Use Cases etc

We feel that we are still a tad bit behind the ideal progress but expect to cover the gap soon.

Individual Team Member Section

- **Keshav Aggarwal**

I have been working on the management part of the project like working on the functional/non-functional requirements. At the same time, I started working on the Gantt Chart for the project and also the use cases for the project. I helped Ashley with the research of potential technologies and existing methodologies similar to our project and worked on ways to improve the website UI. Alongside this, I have continued enhancing my knowledge by getting familiar with languages and methods which we are expected to make use of while developing the application.

- **Costin Cezar Petrescu**

Since last report, I have been focusing on planning the application from different points of views such as functionalities, design, testing and the way of

development. All this was done based on our experience and communication between our team and the client. Also, I had a lot of discussion with Ashley to set up the main ideas for the Research Report. Lately, my main tasks have been to continue working on the website and drawing initial sketches based on current requirements. After which, I started to look for a tool to build a wireframe mockups and started to work on them. I decided to go with Balsamiq because I have used it before to get good results.

- **Ashley Liu**

I was in charge of the researching page, before I started, I discussed the outlines of the contents which are going to be included in this page with my teammates. After that Costin and I had further discussions about the optimum technologies we are going to use after analysis the efficiency, experience level and libraries of each technology. I also researched about our competitors and compared their functionalities and ideas to ours then make conclusion about how we are going to do better.