

EE 491 WEEKLY REPORT 7

Date: 3/07/2016

Group: **DEC1605**

Project title: **Kepros Physical Therapy & Performance, PC**

Client: Ted Kepros

General Advisor: Suresh Kothari

Technical Advisor: Jeremias Saucedo

Team Members/Roles:

Anthony Branson: Team Leader

Jiahui Quan : Team Webmaster

Samuel Eue : Key Concept Holder

Benjamin Engh : Team Communication Leader

Weekly Summary

_____The homework assignment this week focused on the specifications for our project. We listed the standards we need to follow for this project and explained that we need to follow them in order for the parts of the program to communicate smoothly with each other. Also, we continued to work on our slides based on the feedback that some other groups got during class. Finally, we are working with Jeremias to obtain the materials for the project and we began communicating with the past team in order to understand the code better.

Past week accomplishments

- ❖ On March 4th, Jiahui wrote much of the standards doc and the rest of us added our edits and reflections.
- ❖ Anthony communicated with Jeremias to obtain materials.

- ❖ Anthony also communicated with a member of the past team to get us added to their GitHub repository and to understand the code better.
- ❖ During the meeting on March 3rd, we all sent our GitHub usernames to get added to their repository.
- ❖ We all continued work on the slides after the rough draft was shared on March 3rd.
- ❖ Benjamin wrote the weekly report on Monday, March 7th.

Pending issues

- ❖ We are communicating with the past team member through Facebook. Luckily, they have agreed to answer any questions we have about the code. However, they have a job and are pretty busy, so it may take a while to receive a message back from them. To solve this, we could add them to our Slack messaging app and they could provide their input whenever they found a convenient time.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Ben	Project plan doc Code research Individual part of the specifications doc	3.5	31
Jiahui	Design website, Trying to read and understand the previous codes	3	25
Anthony	Talks with Jeremias about hardware order, Set up our client on a messaging application to communicate frequently with team, Spoke with previous group member about access to their work	4.5	24.5
Samuel	worked on getting capstone project	3	20

	running on android phone so to better understand the functionality of the capstone code		
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Comments and extended discussion

Last week, our main concern was understanding the past year's code. I was looking for the specific part of the code where calls were made to receive data from the sensors. With Sam's help, I believe I found the area where these specific calls are made. After I ask the past year's team member some specific questions, I believe I will finally understand how to modify this implementation for use in our project.

Another aspect of the project that our team is continuing to research is the design for the shirt. The plan is to make a zippered vest and we looked into different zippers, fabrics, and designs that would work best for our project.

Plan for coming week

- ❖ All members will edit and practice the presentation.
- ❖ Begin second device iteration after obtaining hardware.
- ❖ Code a program that is able to get sensor data from the device.

Summary of weekly advisor meeting

We didn't meet with Kepros this week either. We hope to meet with him shortly after break to show him what we have done and to make sure we are on the right track.