

Senior Design 491 - Weekly Report - DEC15-04 Week 6 (2/23/15 - 3/2/15)

Advisor: Suraj Kothari
Project: Future Wearables
Client: Ted Krepos (*"Krepos Physical Therapy and Performance"*)
Ensoft - Jeremías Saucedá
Members: Aaron Reyes - Team Leader
Nick Plutt - Webmaster
William Park - Communication Leader
Josh Cline - Key Concept Holder #1
Nick Gonner - Key Concept Holder #2

Weekly Recap:

This week we worked on finishing the Project Proposal as well as the documentation. We also had a meeting with one of our clients, Jeremías, in regards to the prototype stages and development of the wearable device. Future plans were discussed.

Meeting Overview:

February 10, 2015 - **Meeting-07**

Duration: 5 Hours

Attendance - **07**

William Park	In Person
Nick Plutt	In Person
Aaron Reyes	In Person
Josh Cline	In Person
Nick Gonner	In Person

- 1) This week we had an official meeting with our main client, Ted Krepos. We headed down as a team on Sunday morning to Cedar Rapids to meet with Ted

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and see talk about the project overview as well as asking some questions / concerns we had with the project. We also gave Ted a physical copy of our Project Plan.

- 2) Overall, the meeting went well. We found answers for all of our questions that Jeremías was unable to answer as well as found a scope for the project.
- 3) We reviewed over Ted's vision of the project as well as specifications as to what he was looking for. We also asked questions involving data transmission / the software use cases of the our applications.
- 4) We also received confirmation from Jeremías to go ahead and order our parts. After talking with Ted, we found out that we need to order a couple more IMU sensors so that we have a decent pool of information.
- 5) Lastly we went over future meetings. We planned for an approximate meeting time sometime near the end of April with Ted. This is to do some tests once the device is put together to grab a sampling of data.

Accomplishments this week:

07 - As a team, we headed down to Cedar Rapids. He solved all of our ambiguous questions that we had so now all that is left is to order parts and actually get started on delivering a prototype.

- **The parts list was approved by Jeremías.** We should be ordering parts this week. We will have to play the waiting game till all the parts arrive. (If any parts are backordered)

Pending Issues:

07- Now that everything is set and stone, all that is left is waiting for the select parts list to come in. As stated above, most of our concerns with the project was solved from the meeting with Ted. The prototype phase of the project shall begin once the parts arrive.

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Planning:

07

1. We have to wait for the parts that we ordered.
2. Set up 2 mobile applications. (1 for the Physician | 1 for the client)
3. Have prototype setup / basic application with data transfer by the end of this month going into April. (March - April)

Individual Contributions

Aaron: -- (6.5 hr)

1. Meeting Planning
2. Meeting Contribution / Time

William: -- (6 hr)

1. Meeting Contribution / Time
2. Weekly Report
3. Website update

Josh: -- (5 hr)

1. Meeting Contribution / Time

Nick P.: -- (5 hrs)

1. Meeting Contribution / Time

Nick G.: -- (5 hr)

1. Meeting Contribution / Time

Total Contribution for the Project:

Aaron Reyes (20 hrs)

William Park (20 hrs)

Josh Cline (23.7 hrs)

*Nick Plutt (19 hrs)

Nick Gonner(14.1 hrs)