

EE 492 WEEKLY REPORT 10

Date:10/24/2016 - 10/31/2016

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

This week, we also get our hands on the second bus and understandable readings from sensors. We collected some data reading from gyroscopes, and trying to make a 3D plots in matlab, and found those data can be customized into readable angles, updated everything on the formula document. We also spoke with clients about EMG deliverables to get a general idea of the data range.

Pending issues

1. EMG readings
2. Second bus setup

Plans to solve issues

Try to put the sensors on the muscles and get readings, try more conductive materials with the scopes of sensor

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Ben	Software modification	4	83
Jiahui	Website maintenance Weekly reports Update algorithm	9	90
Anthony	Meeting coordination and client/advisor communication	3	71
Samuel	Software/hardware modification	4	70

Plan for coming week

- Update the algorithm to document
- Detail a plan for the EMG
- Second bus setup
- Preparing presentation