

EE 492 Weekly Report #10

Date: 04/06/2014

Group Project: Garmin - Energy Harvesting in Fitness Electronics

Website: <http://seniord.ece.iastate.edu/may1417/index.html>

Project Number: May14-17

Client: Adam Rasmussen

Advisor: Dr. Degang Chen

Group Members:

- Tyler Chenhall – Project Leader & Foot-Pod Team Member
- Rebekah Dejmaj – Communications & Webmaster & Foot-Pod Team Member
- Catherine Homan – Research & HR Monitor Team Member
- Allison Sapienza - Research & HR Monitor Team Member
- Omer Vejzovic – Research & Foot-Pod Team Member
- Jeramie Vens - Research & HR Monitor Team Member

Accomplishments in the Past Week

- Held several group meetings
- Reordered the remaining revision two boards
- Finished the poster
- Held the second group meeting with Dr. Amariuca
- Worked on compiling sources and information for the Research Document
- Began thorough testing of the mechanical revision two board

Plan for the Upcoming Week

- Continue thorough testing of the revision two piezoelectric & multiplexer boards via the portable data logger
- More work on the Research Document, with a focus on adding more to the thermal sections, overall calculations, and source citations
- Prepare for the VEISHEA demo
- Assemble and begin testing thermal revision two boards if they arrive

Pending Issues

- none

Individual Hours

- Tyler – 8.5
- Rebekah – 9
- Catherine – 5
- Allison – 5.5
- Omer – 1.5
- Jeramie – 7.5