

EE 492 Weekly Report #13

Date: 04/27/2014

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
- Finished last minute thermal and mechanical design testing
- Completed the report which serves both as our Final Document for class requirements and the Research Document for delivery to Garmin International. The document includes research, designs, layouts, testing, calculations, an operations manual and various other appendices
- The Final Document can be viewed at:
http://seniord.ece.iastate.edu/may1417/reports/MAY14-17_Final_Document.pdf

Plan for the Upcoming Week

- Give the final IRP presentation and demonstration (Wednesday)
- Prepare all deliverables for the trip to Garmin next week

Pending Issues

- none

Individual Hours

- Tyler – 11.3
- Rebekah – 39
- Catherine – 39
- Allison – 10
- Omer – 8
- Jeramie – 39