

Fast, Compact, High Strength Magnetic Pulse Generator

EE 492 Weekly Report

May 15-30

Week 15

Advisors: Mani Mina, John Pritchard, Robert Bouda
Client: High Speed Systems Engineering Lab
Members: Team Leader – Adam Kaas
Team Webmaster – Gregory Fontana, Meiyong Himmtann
Team Communication Leader – Brittany Duffy
Team Key Concept Holder – Megan Sharp, Brandon Dixon
Team Commissioner – Alain Ndoutoume
Website: <http://may1530.ece.iastate.edu>

Weekly Summary

This week, our team was able to reach a final product. Through teamwork and dedication, we completed the final poster, presentation, and documentation. This week included many man hours, which were clearly shown through in all forms of media. We look forward to do the IRP presentation on Wednesday, and are excited to show others the endless possibilities our device has.

Meeting Notes

4/19 Poster Meeting

Duration: 11 hours **Members Present:** Greg, Meiyong, Brittany, Adam

Purpose and Goals: Complete poster by midnight

Achievements: All purposes and goals were met. We were able to get ample amount of feedback from our advisor.

4/25 Presentation and Documentation Meeting

Duration: 5 hours **Members Present:** Greg, Brittany, Adam

Purpose and Goals: Work on Final Document

Achievements: All purposes and goals were met.

4/26 Presentation and Documentation Meeting

Duration: 8 hours **Members Present:** All

Purpose and Goals: Work on Final Document and Presentation

Achievements: All purposes and goals were met.

Pending Issues

N/A

Plans for Next Week

Adam: Presentation/finish documentation

Greg: Prepare for presentation.

Meiyong: Prepare for presentation.

Brittany: Get prepared for presentation, complete documentation, give presentation, look forward to showing others our device at the senior fair.

Megan: Prepare for presentation.

Brandon: Prepare for presentation, help out where needed.

Alain: Get prepared for Final Presentation

Individual Contributions This Week

Adam: Completion of poster on 4/16 (9 hrs), Worked on Final Document/Presentation (20 hrs)

Greg: Completion of poster on 4/16 (11 hrs), Poster Lamination (.15 hrs), Presentation and Documentation Meeting (8 hrs)

Meiyong: Completion of poster on 4/16 (11 hrs), overvoltage meetings and testing (3.5 hrs), Presentation and Documentation Meeting (8 hrs), Work on Final Document (2hrs)

Brittany: Completion of poster on 4/16 (11 hrs), Worked on Final Document (5 hrs), 2/26 Presentation and Documentation Meeting (8 hrs), Worked even more on the Final Document (5 hrs).

Megan: Worked on Final Document/Presentation (15 hrs)

Brandon: Update layout, schematic, and user guide (2 hrs), overvoltage meetings and testing (4.5 hrs), Final Document and presentation work (3 hrs), Worked on presentation (6 hrs)

Alain: Worked on Final Document 04/25(4 hrs), Worked on Presentation and improved Final document 04/26(4 hrs), Worked on last minutes comments on final document and presentation 04/27(4 hrs)

Total Contributions for Project (This Week / Total for Semester)

Adam: 29 hrs / 78.5 hrs

Greg: 19.15 hrs / 59.65 hrs

Meiyong: 24.5 hrs / 65.5 hrs

Brittany: 29 hrs / 71.5 hrs

Megan: 15 hrs / 47.75 hrs

Brandon: 15.5 hrs / 60.5 hrs

Alain: 12 hrs / 54.5 hrs