

EE 491 WEEKLY REPORT 4

Project title: Fast, Compact, High, Strength, Magnetic Pulse Generator

Group number: DEC1622

Group email:dec1622@iastate.edu

Client &/Advisor: Mani Mina, Neelam Prabhu Gaunkar

Date: 15th February 2015

Team Leader: Wei Shen Theh

Team Webmaster: Wing Yi Lwe

Team Communication Leaders: Jia Yu Hong

Key Concept Holder: Aqila-Sarah Zulkifli

Weekly Summary

Week 4 turned out to be rather eventful. The team's initial project had to be terminated due to certain circumstances. Hence, progress wise, not much was made. A new project had to be selected as soon as possible in order to keep up with the rest of the class as well as the team's project plan. After contacting Professor Tuttle and Professor Mina, the team finally found another project which is under Professor Mina. The team also had its first meeting for the new project on Friday.

Since the team had switched to a different project, the team also spent some time sending out emails of gratitude to relevant parties who had helped during the previous projects. The team also have to reschedule the team's meeting to accommodate the new advisers involved in the new project. The team also spent time reading up about the new project which will be extended till at least another week since there are many materials to look through.

Last but not least, due to Career Fair, the usual class was canceled.

Past week accomplishments

Since our previous project was cancelled because of the non-disclosure agreement with our client, Weishen contacted several professors and tried to get a new project. Finally, we decided to go with Professor Mina. In addition to that, Jiayu fixed the problem with the email list. Everyone was reading previous team materials, so we can catch up as soon as possible.

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Pending issues

We supposed to come up with our first project plan and website design, but our project was cancelled. So we need read up on our new project material, took initiative to understand our new project, and reshuffle our project plan and website.

Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Wei Shen Theh	Corresponding emails with multiple parties regarding the termination of previous project, searching for a new project as well as scheduling a new meeting time. Sending out thank you emails to parties involved in the previous project. Reading up more about the new project.	5	11
Wing Yi Lwe	Helped with the weekly report, read up on new project details, attended hourly meeting	3	7
Jia Yu Hong	Fixed mail list problem,made sure members contributed on the weekly report and submitted the report	3	7.5
Aqila-Sarah Zulkifli	Did some reading and research on the new project and helped with the weekly report	3	7

Summary of weekly advisor meeting

Our weekly meeting with our new advisor, Dr. Mani Mina, discussed about expectations and details on our new project. At the meeting we were able to see some example of prototypes done previously by seniors that would serve as a guide to our project. Our goal is to build a much faster and perhaps smaller magnetic pulsar making it not only efficient but portable.

One thing that was a good sign was that all four of us were in EE330 last semester, resulting us to have prior experience with Cadence Virtuoso and Modelsim, which will be a few tools that will come in handy for our project. Also, since we need to solder miniature parts on a board for the pulsar, we are already allocating members for that task since they have prior experience.

Unlike our previous project, we have much more detail and a clearer vision of what we will be doing throughout the time span of our project building. Thanks to our advisor, we were also provided with reading materials on the project. We believe we can catch up and have a good progress on this new project.

Plan for coming week

Our plan for this coming week is we will need to allocate at least two weeks for reading since our initial project had been terminated. So, we will need some time to understand more about our new project. We will start working on the website as soon as possible, and we will try our best to understand and learn the design of the project of previous group, with the link provided by our advisor.