

EE 491 Weekly Report MAY15-26 Week 4 (9/22/14-9/28/14)

Advisors: David Jiles and Ravi Hadimani

Client: Iowa State University/Magstim Company LLC

Members (roles): Jessica Staley (GUI/Leader), Saurabh Minocha (SEMCAD/Webmaster), Anqi Deng (3D Design & Modeling/Communication), Yixiao Shen (Comsol/Key concept holder)

Project Title: Design and Development of Adjustable Halo coil for Non-Invasive Treatment of Brain Disorders

Weekly Summary

The main goal this week was to learn about the software and equipment each of us will be using for our project. We contacted students in the previous year's senior design group to collect data and files about this project as well as to know their experience and valuable suggestions. We held a meeting to discuss the project plan assignment and how to distribute tasks to do this assignment well.

Meeting notes

9/25 Group meeting with members

Duration: 30 min

Members Present: Jessica, Anqi, Yixiao

Purpose and Goals:

We met to talk about how we should start with our first version of project plan and what aspects we should put into our plan. We tried to come up with questions about project plan so that we could get advice from our advisor.

Achievements:

1. Roughly decided the aspects we should put into our project plan.
2. Had questions about the specific requirement to our project and how to make a Gantt chart.

3. Discussed possible ways to break up project plan writing

9/26 Group meeting with advisor

Duration: 60 min

Members Present: All

Purpose and Goals:

Presented our tasks of every member to our advisor and talked about what would be expected of each one of us. We also understood the importance of each aspect of our project. We also received advice on how to make a proper Gantt chart and timeline. We discussed the project plan assignment briefly.

Achievements:

1. Contacted the person who will help us with our individual tasks throughout the year.
2. Discussed how to make a Gantt chart.
3. Collected documents that might help us with our project plan assignment.

Pending issues

1. Enquire about room reservations for meetings.
2. Finish the first project plan.

Plans for next week

1. Try to get a room with white board for our meeting.
2. Analyze data from last year.
3. Finalize project plan breakdown and discuss.

Contributions (individual)

Jessica Staley: communication between members and Professors, attended the meeting, gave ideas of the report, created first version of Gantt chart, room reservations (6hrs.)

Saurabh Minocha: attended the meeting, helped compile the report, Met with Eric, a research student working on SEMCAD simulations. (5hrs.)

Anqi Deng: Communicated with Daniel to share data, collected data related to 3D modeling, compiled the report, attended the meeting, and gave ideas of the report (6hrs.)

Yixiao Shen: Contact Yiwen Meng to obtain the Comsol files, watching Comsol tutorial Videos, attended the meeting, gave ideas of the report (6hrs.)

Contributions (Total)--over entire project

Jessica Staley: 17

Saurabh Minocha: 16

Anqi Deng: 16.5

Yixiao Shen:17