

WEEKLY REPORT

Group name : MAY14-09	Date:11/04/2013
Client/Advisor: Iowa State University Magstim Company LLC. David Jiles, Ravi Hadimani	
Attendees/Role: Ann, Zhen Xu, Jikang Qu, Chris Jialue Fang, Yiwen Meng	

ACCOMPLISHMENTS FOR PAST WEEK

WHAT	WHO	WHEN
We had a meeting with our advisor Ravi and we reported some ideas and progress of our project. We also discussed that what we need to finish after next week.	All	11/01/2013 3:00- 4:20pm
<p>Simulation result:</p> <ol style="list-style-type: none"> 1. Found out safety temperature (from a research book) 2. Built a simulation model for temperature simulation 3. Built a simulation model for force simulation <p>Task for next week: need use a large area and get result Task for next week: need to make it runnable</p> <p>Programming result:</p> <ol style="list-style-type: none"> 1. server motor can rotate now, control by GUI <p>Task for next week: not realistic GUI: picture show emax (use a random data since there is no simulation result now)</p> <p>Helmet design:</p> <ol style="list-style-type: none"> 1. finished rotation part <p>Task for next week: Assemble every part together and make the rotation structure fixed.</p>	All	11/01/2013
<p>Topics:</p> <ol style="list-style-type: none"> 1. Worked on design document, get some part of work done. <ol style="list-style-type: none"> a. Build the block diagram b. Build sketch graph 2. Discuss the helmet design <ol style="list-style-type: none"> a. Decide the type of helmet: open area b. Decide the type for holding structure and halo coil supporter 	Yiwen Jialue Zhen Ann	10/30/2013 3:00- 4:20pm

PLAN FOR COMING WEEK/INDIVIDUAL TASKS

WHAT	WHO	WHEN
Build more realistic GUI.	Zhen	Next week
Make SEMCAD runnable and get the result which can show how electric field affects regions of the brain. Using COMSOL to show how temperature and force affect the helmet structure.	Jikang Qu Yiwen Meng	Next week
Assemble all parts of the helmet together and the make the rotation part fixed.	Jialue Ann	Next week

PENDING ISSUE

ISSUE	RESPONSIBILITY
We will keep contact with advisor Ravi every week and he will help us solve some problems we might meet.	Yiwen Meng will communicate with advisor Ravi and determine the time of meeting.
Need to finish our process before this semester and prepare for the presentation.	All should try best to do it
The final goal is that we will test that how this coil stimulates the appropriate regions of the brain in next semester.	All members will do it together.

INDIVIDUAL HOURLY CONTRIBUTION

<u>NAME</u>	<u>HOURS</u>
Zhen Xu	6-7
Jikang Qu	6-7
Yiwen Meng	6-7
Ann	6-7
Chris	6-7