WEEKLY REPORT

Group name : MAY14-09 Date:10/27/2013

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 We had a meeting with our advisor Ravi and we reported some ideas and progress of our project All 10/27/2013 3:00-4:20pm Topics: All 10/27/2013 3:00-4:20pm Topics: Simulation data: every 5 degree, range:-30 degree to 30 degree x->distance between 2 coils: decide by emax? center of the brain? up-down movement range: x+/- 15 cm Max temperature for the coil: TBD Max force between two coils: TBD Progress: Programming: GUI Simulation: simulate on a model Helmet: basic helmet		110.5	
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PLAN FOR COMING WEEK/INDIVIDUAL TASKS

WHAT	WHO	WHEN
Continue Doing helmet design by 3D printer blender.	Ann, Jialue	Nextweek
Finish collecting simulation data about simple head model by SEMCAD.	Jikang Qu	Nextweek
Show the result of COMSOL to present how temperature affects halo	Yiwen Meng	
coil.		
Gantt chart:	All	Nextweek
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Simulation E&B Help helm design		
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E&B field Simulation Data		
Arduino&Servo Movement GUI		
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Idea		
Learn Blender & 3D Printer Modeling 3D Printing		

PENDING ISSUE

ISSUE	RESPONSIBILITY	
We will keep contact with advisor Ravi every week and he will help us solve	Yiwen Meng will	
some problems we might meet.	communicate with advisor	
	Ravi and determine the	
	time of meeting.	
Simulations will be done in November before December.	Jikang, Yi wen will handle	
	two software to do	
	simulations.	
The final goal is that we will test that how this coil stimulates the	All members will do it	
appropriate regions of the brain in next semester.	together.	

INDIVIDUAL HOURLY CONTRIBUTION

NAME	HOURS
Zhen Xu	6-7
Jikang	6-7
Qu	

Yiwen	6-7
Meng	
Ann	6-7
Chris	6-7