Team #2: Brain Model for Neuro-Endoscopic Teaching and Practice

- Team: Kimberli Carlson-Team Leader Courtney Krueger-Team Communicator Anyi Wang-BSAC Alan Meyer-BWIG Week: September 25 – September October 1 **Client**: Dr. Bermans J. Iskandar Department of Neurological Surgery University of Wisconsin Hospital and Clinics iskandar@neurosurgery.wisc.edu 680.212.3008 Advisor: Mitch Tyler Room 2156 Engineering Centers Building metyler1@wisc.edu
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Last Week's Goals

- Continue brainstorming
- Come up with 3 set designs for model
- Research possible materials for a mechanical model
- Contact client with design ideas to obtain his input

Accomplishments

- All team members researched project
- Team brainstormed ideas and possible design elements
- Came up with second possible design for model
- Client is able to provide us with MRI scans for us to create a 3D computer model of ventricles

Next Week's Goals

- Come up with at least 1 more set design for model
- Continue researching materials for a mechanical model
- Contact client with design ideas to obtain his input
- Obtain MRI scans and begin 3D model on computer

Difficulties

• Contacting Client and receiving a reply

Team Effort

Team Member	Accomplishments	Time	Running		
		(Hrs)	Total (Hrs)		
Kimberli Carlson	Researched topic	3.5	11.0		
	Brainstormed ideas				
	Contacted companies and found SLA materials				
Courtney Krueger	Researched topic	3.5	11.0		
	Brainstormed ideas				
	Emailed client and called to obtain information				
Anyi Wang	Researched topic	1.5	8.5		
	Brainstormed ideas				
Alan Meyer	Website	3.5	11.0		
	Brainstormed ideas				
	Researched software programs				
Entire Team	Investigated 3D computer model	3.5	10.0		
	Brainstormed designs as a group				
	Now have 2 viable designs				

TASK	September			October						ember		December				
DATES	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17
WORK																
Brainstorming																
Research																
Designing Prototype																
Selecting Prototype																
Obtaining Materials																
Building Prototype																
Testing Prototype																
Modifications																
DELIVERABLES																
PDS																
Mid-Sem. Report																
Mid-Sem. Presentation																

Final Report								
Final Presentation								
Weekly Reports								
Notebooks								
MEETINGS								
Team Meetings								
Client Meetings								
Advisor Meetings								
BSAC Meetings								
Other Meetings								
OTHER								
Web Page								
Special Lectures								

Project Schedule

Project Expenses: No expenses to date.