

Team #2: Mechanical model for neuro-endoscopic surgical simulation

Team: Kimberli Carlson-Team Leader
Courtney Krueger-Team Communicator
Anyi Wang-BSAC
Alan Meyer-BWIG

Week: October 2, 2010 –October 8, 2010

Client: Dr. Bermans J. Iskandar
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Last 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

Accomplishments

- Decided on three proposed designs for model
- Researched memory structures directly surrounding ventricles
- Began talking directly to medical physicist at hospital to obtain MRI scans
- Will meet next week with client
- Produced a rough draft of paper and began power point
- Revised PDS

Next Week's Goals

- Finalize client meeting time for 4pm on Wednesday, October 13, 2010
- Continue contact with medical physicist, set up meeting if necessary
- Begin working on 3D model
- Start obtaining materials
- Practice Presentation and Produce final mid-semester report

Difficulties

- Meeting with client: conflicting schedules with client out of town

Team Effort

Team Member	Accomplishments	Time (Hrs)	Running Total (Hrs)
Kimberli Carlson	Wrote report Researched memory structures Began power point	2.0	13.0
Courtney Krueger	Wrote report Contacted medical physicists for MRI scans Emailed client to set up meeting	2.0	13.0
Anyi Wang	Wrote report	2.0	10.5
Alan Meyer	Website Wrote report	2.0	13.0
Entire Team	Decided on 3 proposed design ideas Revised report	3.5	13.5

Project Schedule

TASK	September				October					November				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 Expenses: No expenses to date.