

Face Cradle Progress Report **3/23/2009-3/29/2009**

Names

Nate Cira, leader
Patrick Kurkiewicz, BSAC
Annie Loevinger, communicator
Matt Hoffman, BWIG

Client

Susan Frikken

Problem Statement

Current static massage chair face cradles do not adjust as the subject becomes more relaxed. This results in the subject's neck and upper back shifting to an uncomfortable bowed position. This device must perform two important functions. First, it must support the head of a patient receiving a chair massage, specifically preventing the chin from slipping through the cradle. Second, it must adjust along the axis of the spine to accommodate a different position as the patient relaxes during the massage.

Last Week's Goals

- Team: purchase parts, finalize design
- Team: work toward full shop certification
- Pat attend BSAC meeting
- Research specific materials and costs
- Annie: contact other massage therapists
- Nate: Write progress report for prior week
- Matt: Post progress report, midsemester paper and PDS

Summary of Accomplishments

- The team watched the ethics video.
- Matt updated website.
- Matt did parts research.
- Annie corresponded with the client. 3/23-24
- Nate wrote progress report. 3/26
- Pat attended BSAC meeting. 3/27
- The team met and discussed the design. 3/27
- Nate Researched valves. 3/29

This Week's Goals

- Team: finish purchasing parts, begin assembly
- Team: consider tests for device
- Team: work toward full shop certification
- Pat: attend BSAC meeting
- Research specific materials and costs
- Annie: contact other massage therapists and Susan for testing time
- Nate: Write progress report for prior week
- Matt: Update website

Project Difficulties

Currently none

Activities

23/03/2009	Annie:	Contacted client	1 hr
Midweek	Matt:	Updated webpage	.5 hr
Midweek	Matt:	Parts research	1 hr
Week	Team:	Watched ethics video	.5 hr
26/03/2009	Nate:	Wrote progress report	.5 hr
27/03/2009	Pat:	BSAC	1 hr
27/03/2009	Team:	Discussed design	2 hr
29/03/2009	Nate:	Valve research	2 hr

Totals

Individual:

Nate:	22.25 hours
Annie:	20.5 hours
Matt:	14.5 hours
Patrick:	14.75 hours
Together:	
Team:	20.5 hours

Expenses

Cost of parts Annie and Nate purchased (minimal)

Project Schedule

Task	January				February				March				April				May	
	30	6	13	20	27	6	13	20	27	3	10	17	24	1	8			
Deliverables																		
Website																		
Progress Report																		
Notebook																		
Midterm Presentation																		
Final Presentation																		
Final Poster																		
Final Report																		
Client Evaluation																		
Peer and Self Evaluations																		
Meetings																		
BSAC																		
Team																		
Client																		
Advisor																		
Project Research																		
Patent and Product																		
Anatomical Data																		
Padding Research																		
Covering Research																		
Project Development																		
Select Project																		
Brainstorm Ideas																		
Narrow Ideas																		
Select Idea																		
Work on Design																		
Fabricate Prototype																		

Key:	
Team	
Nate	
Matt	
Patrick	
Annie	