

Face Cradle Progress Report **2/23/2009-3/01/2009**

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 head remaining in an uncomfortable strained position. This device must perform two important functions. First, it must support the neck and head of a patient receiving a chair massage. Second, it must dynamically adjust as the patient relaxes to accommodate a different position.

Last Week's Goals

- Rank design criteria
- Generate design matrix
- Prepare presentation
- Meet with Susan
- Team: work toward full shop certification
- Research specific materials and costs
- Annie: contact other massage therapists
- Pat: make drawings
- Nate: Write progress report for prior week
- Matt: Post progress reports work toward shop certification

Summary of Accomplishments

- Nate wrote progress report. 2/26
- Pat continued to generate computerized renderings of the current face cradle.
- Nate, Annie and Matt worked individually on PowerPoint sections.
- The team met with Susan and obtained movement data. 2/25
- Pat attended the BSAC meeting. 2/27
- The team met and evaluated design criteria and selected three designs for the matrix. 2/27
- Annie corresponded with the client.
- Matt updated the webpage.

This Week's Goals

- Prepare presentation for mid-semester
- Practice delivering presentation
- Team: work toward full shop certification
- Research specific materials and costs
- Annie: contact other massage therapists
- Pat: make drawings

- Nate: Write progress report for prior week
- Matt: Post progress reports work toward shop certification

Project Difficulties

Currently none

Activities

Midweek	Annie:	Correspondence	1 hr
Midweek	Annie Nate Matt:	PowerPoint section	1 hr each
25/02/2009	Team:	Meeting with Susan	2 hr
Midweek	Pat:	CAD drawing	1 hr
Midweek	Matt:	Updated webpage	.5 hr
26/02/2009	Nate:	Wrote progress report	.5 hr
27/02/2009	Pat:	BSAC	1 hr
27/02/2009	Team:	Met with advisor and discussed project	2 hr

Totals

Nate:	10 hours
Annie:	9.25 hours
Matt:	3.5 hours
Patrick:	8.75 hours
Team:	13 hours

Expenses

Currently none

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	