

Face Cradle Progress Report **1/23/2009-2/1/2009**

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

- Select a project, determine team roles 1/23
- Exchange contact information 1/23
- Meet with advisor 1/23
- Establish contact with client and advisor
- Research current face cradle designs
- Draft rough PDS to help formulate client questions
- Meet with advisor 1/30 at 12:00
- Meet with client 1/30 at 1:00

Summary of Accomplishments

- The team selected the face cradle project and met with the advisor. 1/23
- Annie established contact with the client Susan Frikken 1/23, and Nate contacted Professor Tyler by email 1/23.
- Nate and Annie did quick searches of current face cradle patents. 1/25
- Nate drafted the initial rough PDS. 1/28
- The entire team met with Professor Tyler and discussed expectations for the project. 1/30
- The entire team met with Susan at her home/office, saw her massage equipment, and discussed what she is looking for in a face cradle. 1/30

This Week's Goals

- Draft full PDS to further define project goals 2/3
- Continue research on face cradle patents and products in existence
- Begin brainstorming and sketching ideas for potential solutions
- Look at anatomical tables for face and body dimensions to quantify cradle dimensions
- Nate: Write progress report for prior week
- Matt: Get website up and running, post PDS, progress report

Project Difficulties

Currently none

Activities

23/01/2009 Team:	Selected project and met with advisor	2 hr
23/01/2009 Nate:	Contacted advisor	0 hr
23/01/2009 Annie:	Contacted client	.5 hr
25/01/2009 Nate:	Patent research	1 hr
25/01/2009 Annie:	Patent research	.5 hr
28/01/2009 Nate:	Drafted rough PDS	.5 hr
30/01/2009 Team:	Met with advisor 1 hr	1 hr
30/01/2009 Team:	Met with client 1 hr	1 hr

Totals

Nate:	1.5 hours
Annie:	1.5 hours
Matt:	0 hours
Patrick:	0 hours
Team:	4 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																		
Ergonomics Meeting																		
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	