

Progress Report 1
September 14, 2006

Project Title: Sensory Substitution Device for Hearing Impairment

Team Members:

Ryan Thome, Co-Team Leader	thome@wisc.edu
Sarah Offutt, Co-Team Leader	offutt@wisc.edu
Amy Weaver, BSAC	aweaver@wisc.edu
Laura Bagley, Communicator	lbagley@wisc.edu
Jack Page, BWIG	jdp@wisc.edu

Client:

Veronica H. Heide, Au.D.
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Advisor:

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Date: 09/14/06

Problem Statement:

The goal is to design and develop an auditory substitution device that through the use of a digital hearing aid and vibro- or electro-tactile stimulation can substitute for regional frequency hearing loss.

Statement of Team Goals:

1. Meet with client
2. Create Problem statement
3. Begin work on PDS
4. Begin research and design
 - a) Research all possible background information.
 - b) Research existing solutions
 - e) Develop possible design solutions
5. Continue research, design, and testing
6. Write Midterm paper
7. Create PowerPoint presentation
8. Discuss possible final design alternative

9. Finalize design
10. Build and test prototype
11. Present final design

Project Schedule:

- 9/8/06 – Choose team and project, meet with client
9/15/06 – Background research, preliminary design ideas
9/22/06 – Continue background research, develop PDS
9/29/06 – Brainstorm
10/6/06 – Decide on design alternatives
10/13/06 – Work on mid-semester presentation and report
10/20/06 – Give mid-semester presentation, finalize mid-semester report
10/27/06 – Decide on final design
11/3/06 – 11/24/06 – Work on final design
12/1/06 – Finalize design and final presentation, begin work on final paper
12/8/06 – Give final poster presentation, finalize paper
12/15/06 – Final meeting with advisor

Summary of Team Accomplishments:

1. Decided on team roles
2. Began background research
3. Met with client

Summary of Individual Accomplishments:

1. Laura set up the meeting with our client
2. Ryan wrote the progress report

Upcoming Week's Team Goals:

1. Begin brainstorming preliminary design ideas
2. Begin work on website
3. Begin work on PDS

Difficulties:

We have yet to encounter any major difficulties.

Activities:

Ryan – team meeting 0.5 hr
client meeting 1 hr
background research 0.5 hr
progress report 1 hr

Sarah – team meeting 0.5 hr
client meeting 1 hr
background research 0.5 hr

Amy - team meeting 0.5 hr

client meeting 1 hr
background research 0.5 hr

Laura - team meeting 0.5 hr
client meeting 1 hr
background research 0.5 hr

Jack - team meeting 0.5 hr
client meeting 1 hr
background research 0.5 hr

Team Total Hours for this week: 11
Cumulative Team Hours to date: 11