Progress Report 2

Project Title: Medical Device Cart
Team Members: Joe Cabelka, Jennifer Wager, Emily Andrews, Tony Schuler
Client: Peg Rickard, Art Kealy Viasys
Advisor: Prof. Block
Date: 9/21/06-9/28/06

Problem Statement: Our goal is to develop an ergonomically correct medical device cart to house all components of an EEG machine that will facilitate rapid work flow and alleviate problems with current carts.

Restatement of Team Goals: Research EEG machines, Competitor designs, Ergonomics information, Brainstorm

Individual Goals:
Joe Cabelka:
1. Research EEG machines and competitor designs
2. Meet with hospital contact
3. Brainstorm
4. Update notebook

Jenny Wager:
1. Research EEG machines
2. Brainstorm
3. Update notebook

Emily Andrews:
1. Research ergonomics info/standards
2. Meet with hospital contact
3. Brainstorm
4. Update notebook

Tony Schuler:
1. Research competitor designs
2. Brainstorm
3. Update notebook

Summary of Accomplishments:
1. Researched assigned topics
2. Met with contact at hospital who provided critique of current cart
3. Brainstormed ideas to improve cart design

Summary of Team Goals:
1. Finish researching
2. Come up with designs for cart improvement
3.
**Project Schedule:**

- **9/18/06**  Meet with client
- **9/19/06 – 10/12/06**  Research, brainstorm, and develop PDS
- **10/06/06 – 10/19/06**  Prepare oral presentation and Preliminary Design Report
- **10/20/06**  Mid-semester oral presentation and PDR due
- **10/15/06 – 10/22/06**  Decide on final design
- **10/22/06 – 12/07/06**  Work on design and build prototype
- **11/27/06 – 12/07/06**  Prepare final oral presentation
- **12/08/06**  Final oral presentation
- **11/30/06 – 12/12/06**  Prepare final report, PDS, and design drawings
- **12/15/06**  Final meeting with advisor

**Difficulties:**
The only difficulty we had this week was obtaining information about ergonomics. There doesn’t appear to be set standards. We have a meeting scheduled with Prof. Radwin this Friday, so hopefully he can provide some insight into that aspect of this project.

**Activities:**

**Team:**
1. No team meeting this week

**Joe Cabelka:**
1. Research (1 hr.)
2. Hospital Meeting (1 hr.)
3. Brainstorm 1 (1 hr.)
4. Updated notebook (30 min.)

**Jenny Wager:**
1. BSAC Meeting (1 hr)
2. Research EEG (1.5 hr.)
3. Brainstorm (1 hr.)

**Emily Andrews:**
1. Research (1 hr.)
2. Hospital Meeting (1 hr.)
3. Update Notebook (1 hr.)

**Tony Schuler:**
1. Research (1.5 hr.)
2. Brainstorm (45 min)
3. Update Notebook (30 min.)

**Total Team Hours (x 5 people) for Week:**  0.00  hours

**Total Individual Hours for Week:**  12.45  hours

**Cumulative Team Hours to Date:**  30.50  hours