

## **Progress Report 1**

**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:** 9/15/06-9/21/06

**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:** Not Applicable

### **Individual Goals:**

Joe Cabelka:

1. Meet with Client
2. Create Product Design Specifications
3. Update notebook

Jenny Wager:

1. Client Meeting
2. Update notebook

Emily Andrews:

1. Client Meeting
2. Update notebook

Jenny Wager:

1. Client Meeting
2. Update notebook

Tony Schuler:

1. Client Meeting
2. Update notebook

### **Summary of Accomplishments:**

1. Selected team roles: Joe – Team leader, Tony- BWIG, Emily – Communicator, Jenny - BSAC
2. E-mailed client to establish a meeting time
3. Explained course objectives to new sophomores
4. Met with client

### **Summary of Team Goals:**

1. Develop an understanding of the project and its expectations
2. Meet with client
3. Begin writing PDS

**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:**

Our primary difficulty is gaining knowledge about ergonomics to incorporate into our designs.

**Activities:**

Team:

1. Selected team positions (15 min)
2. Discussed team responsibilities and course information (30 min)
3. Client Meeting (2 hrs)

Joe Cabelka:

1. Wrote PDS (45 min)
2. Read client material (45 min)
3. Wrote progress report (45 min)
4. Updated notebook (30 min.)

Jenny Wager:

1. Read client material (1 hr)

Emily Andrews:

1. Read client material (45 min)
2. Scheduling and contacting (45 min)

Tony Schuler:

1. Read client material (45 min)
2. Brainstorm (45 min)

<b>Total Team Hours (x 5 people) for Week:</b>	<b>11.00 hours</b>
<b>Total Individual Hours for Week:</b>	<b>6.45 hours</b>
<b>Cumulative Team Hours to Date:</b>	<b>17.45 hours</b>