

Progress Report 1

January 30, 2001

Project Title: Platform for arm support during radiologic procedures

Team Members: Matt Harris, Luke Harris, Brandon Verdoorn, and Andrea Rozmenoski

Client: Michael Tuite

Advisor: Dave Beebe or Nimmi Ramanujam

Date: 1/25/02 – 1/30/02

Problem Statement:

The goal of this project is to design a platform that will offer maximum comfort to patients, especially older people, while they undergo radiologic procedures involving the spine. By supporting their arms during these procedures this platform will allow patients to relax and not be in pain. Presently, patients must lie on their stomach and hold their arms outstretched to allow access of the x-rays. However, in older individuals, this becomes tiresome and painful during the exam.

Restatement of Team Goals:

Not Applicable.

Summary of Team Accomplishments:

1. Met entire team and assigned individual roles within the group (Leader, Communicator, BSAC, and BWIG)
2. Scheduled a meeting with our client Michael Tuite for next Friday, February 1, at the UW Hospital.
3. Brainstormed questions to ask client during the meeting next week.

Summary of Individual Accomplishments:

Matt (Leader):

1. Updated BME design notebook
2. Made cover sheet for all team members (Contact Info, etc.)
3. Wrote possible client questions
4. Progress Report
5. Put together a team binder

Luke (Communicator):

1. Updated BME design notebook
2. Contacted and set up appointment with client
3. Wrote possible client questions
4. Helped with progress report

Bill (BWIG):

1. Purchased/set up design notebook
2. Familiarized myself with the course website
3. Generated some questions for our client
4. Reading/responding to email for BWIG

Andrea (BSAC):

1. Updated notebook
2. Responded to email for BSAC

Statement of Team Goals:

1. Meet with client as a group.
2. Discuss schedule for the first half of the semester.
3. Begin research and developing design ideas.
4. Continue design process.
 - a) Research
 - b) Brainstorm
 - c) Develop PDS
 - d) Collect and test materials

Project Schedule:

2/1	Meet with client and define problem
2/1 - 2/22	Research, brainstorm design ideas, and develop PDS
2/15 - 3/1	Finalize project solution, develop PDS, prepare mid-semester presentation and paper
3/1	Mid-semester presentations
3/1 - 4/26	Work on final design (i.e. Develop a prototype, testing, etc)
4/26 - 5/10	Prepare final presentation and paper
5/10	Final poster presentation
5/12 - 5/18	Final meeting with advisor

Difficulties: None at the moment

Activities:

Matt:

Updated BME design notebook - .5 hrs
Made cover sheet for all team members (Contact Info, etc.) - .5 hrs
Wrote possible client questions - .5 hrs
Progress Report – 1.5 hrs
Put together a team binder - .5 hrs
Total: 3.5 hrs

Luke:

Updated BME design notebook - .5 hrs
Contacted and set up appointment with client - .5 hrs
Wrote possible client questions - .5 hrs
Helped with progress report – 1.5 hrs
Total: 3.0 hrs

Bill:

Purchased/set up design notebook - .5 hrs
Familiarized myself with the course website - .5 hrs
Generated some questions for our client - .5 hrs
Read/responded to email for BWIG - .5 hrs
Total: 2.0 hrs

Andrea:

Updating notebook - .5 hrs
Responded to email for BSAC - .5 hrs
Total: 1.0 hrs

Team Total Hours for this week: 9.5 hrs
Cumulative Team Hours up to date: 9.5 hrs