Progress Report 1: September 15 to September 21, 2006

Title: Automated animal board for positioning during ocular imaging and photography
Client: B’Ann Gabelt, MS.
Advisor: Wally Block, Ph.D.
Team Members: Nathan Kleinans (Leader)
Laura Piechura (Communications)
Kellen Sheedy (BSAC)
Holly Liske (BSAC)
Dhaval Desai (BWIG)

Problem Statement (created using information from design project website)
Fine adjustments in the positioning of the eye are necessary to obtain quality scans of the retina and nerve. Currently, an automated head holder device exists for positioning the head of the animal. However, concerns about possible neurological damage during rotation of the head make it desirable to develop a device that can rotate the whole animal.

Restatement of Team’s Goals
• Create problem statement.
• Background research.
• Client meeting with B’Ann Gabelt on Friday, September 15, 2006 at 12:15pm in F4/340 CSC.
• Begin working on Project Design Specification.
• Start brainstorming after client meeting.

Individual Goals
• Nathan: Conduct background research, start working on Project Design Specification, and Progress Report for Week 2.
• Laura: Conduct background research, work on Product Design Specification.
• Holly: Conduct background research, work on Product Design Specification, and find out when BSAC meetings are.
• Kellen: Conduct background research, work on Product Design Specification and find out when BSAC meetings are.
• Dhaval: Conduct background research, work on Product Design Specification, and update website.

Summary of Team Accomplishments
• Our team met B’Ann Gabelt at 12:15pm on Friday, September 15th in F4/340 CSC and discussed the project and design specifications.
• Everyone met at 5:30pm on Monday, September 18th in Wendt Library to discuss the Product Design Specifications, and split up sections to work on individually. We also planned out our schedule for the next few weeks and discussed upkeep of design notebooks.

Statement of Team’s Goals
• Begin brainstorming ideas for our three design alternatives.
• Continue to revise and update Product Design Specifications as necessary.
• Make a list of questions, if any, which need to be addressed to the client.

Project Schedule
September 8   Form team, team roles, contact client, and set up client meeting
September 15  Background and research on project, create problem statement, begin PDS
September 22  PDS, brainstorming, begin developing designs
September 29  Brainstorming
October 6     Brainstorming, finalize three alternative design
October 13    Work on mid-semester presentation paper and presentation
Project Difficulties
No difficulties were experienced regarding the project this week.

Activities
- **Nathan (Team Leader)**
  - PDS (.5 hr)
  - Progress Report (1 hr)
  - Client Meeting (1 hr)
  - Brainstorming (.5 hr)
  - Total: 3 hrs
- **Laura (Communications)**
  - PDS (.5 hr)
  - Client Meeting (1 hr)
  - Brainstorming (.5 hr)
  - Total: 2 hrs
- **Kellen (BSAC)**
  - PDS (.5 hr)
  - Client Meeting (1 hr)
  - Brainstorming (1 hr)
  - Total: 2.5 hrs
- **Holly (BSAC)**
  - PDS (.5 hr)
  - Client Meeting (1 hr)
  - Brainstorming (.75 hr)
  - Total: 2.25 hrs
- **Dhaval (BWIG)**
  - PDS (.5 hr)
  - Client Meeting (1 hr)
  - Brainstorming (.5 hr)
  - Total: 2 hrs

- **Total Team Hours for this Week: 3.5 hrs**
- **Running Total for Each Member:**
  - Nathan – 4.5 hrs
  - Laura – 2.5 hrs
  - Kellen – 3 hrs
  - Holly – 3.25 hrs
  - Dhaval – 2.5 hrs

Expenses
There are no expenses to be reported.