Title: Automated animal board for positioning during ocular imaging and photography
Client: Dr. B’Ann Gabelt, Ph.D.
Advisor: Wally Block, Ph.D.
Team Members: Nathan Kleinhans (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.
• Assign team roles.
• Set up meeting with client, Dr. B’Ann Gabelt, to discuss design specifications, budget, and answer any questions or concerns that the team might have.
• Start working on Project Design Specification after client meeting.

Individual Goals
• Assign team roles
• Leader: Conduct background research, start working on Project Design Specification, and make a template for progress reports.
• Communications: Contact client and set up a meeting date and conduct background research on the project.
• BSAC: Conduct background research and find out when BSAC meetings are.
• BWIG: Conduct background research and find out when the BWIG meeting is.

Summary of Team Accomplishments
• Team roles were assigned.
• Our team set up a meeting time with our client on Friday, September 15th, 2006 in F4/340 CSC at 12:15pm.

Statement of Team’s Goals
• Perform individual research on client’s lab and work done there.
• Scheduled client meeting on Friday, September 15th, 2006 in F4/340 CSC at 12:15pm.
• Make a list of questions, if any, which need to be addressed to the client.
• Begin working on Project Design Specification.

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
October 20    Mid-semester presentations
October 27    Decide on final design, paper and notebook due
November 3    Work on final design (i.e. develop a prototype, testing, etc)
November 10   Work on design
November 17   Work on design, test design
November 24  Thanksgiving
December 1  Prepare final presentation and paper
December 8  Final poster presentation
December 13 Notebooks and paper due
December 15  Final meeting with advisor

Project Difficulties
No difficulties were experienced regarding the project this week.

Activities
• Nathan (Team Leader)
  o Preliminary research (.5 hr)
  o Progress Report (1 hr)
  o Total: 1.5 hrs
• Laura (Communications)
  o Preliminary research (.5 hr)
  o Total: .5 hrs
• Kellen (BSAC)
  o Preliminary research (.5 hr)
  o Total: .5 hrs
• Holly (BSAC)
  o Preliminary research (.5 hr)
  o Total: .5 hrs
• Dhaval (BWIG)
  o Preliminary research (.5 hr)
  o Total: .5 hrs
• Total Team Hours for this Week: 3.5 hrs
• Running Total for Each Member:
  o Nathan – 1.5 hrs
  o Laura – .5 hrs
  o Kellen – .5 hrs
  o Holly – .5 hrs
  o Dhaval – .5 hrs

Expenses
There are no expenses to be reported.