

Fundus Reading Hood

Client: Dennis G. Hafford

Team Members: Leah Brandon (*Leader*)
Adam Dahlen (*Communications*)
Nathan Kleinhans (*BWIG*)
Sara Worzella (*BSAC*)

Advisor: John Webster

September 13 to September 15, 2005

Problem Statement

The goal of this project is to develop a monitor hood that will block ambient light. This hood must comply with the following specifications. The length must be adjustable and extend out 2 ft while keeping the monitor viewable at any length. It must be easily removable with a small footprint when stored, or will open up without requiring any space allowing regular viewing modality. There cannot be a footprint behind the monitor and it must taper to a closed viewing port of approximately 8 1/4" by 2 3/8". Also, the hood should be self-supporting (no legs when extended) with an adjustable angle of view to allow grader to maintain good posture.

Summary of Team Accomplishments

- Contacted advisor of project change
- Contacted client set up meeting time for 9/15/05 at 6:30
- Background research

Current Week's Goals

- Meet with client
- Work on Product Design Specification (PDS)
- Revise website
- Start thinking of ideas for potential designs

Project Difficulties

• Beginning the project two weeks behind may be a problem initially, but our team plans on dedicating extra time this coming week to get back on schedule.

Project Schedule

Week1-2	worked on separate project
Week 3	meet with client, literature search, develop PDS as a team
Week 4	brainstorm design ideas
Week 5	decide on three alternative designs
Week 6	work on oral presentations and written report
Week 7	oral presentations: hand in report, PDS, design notebooks
Weeks 8-11	decide upon final design, work on prototype
Weeks 12-14	prepare for final presentations (Dec 2), finish final design
Week 15	hand in written report and notebook to advisor (Dec 7) and final advisor meeting (Dec 9)

Activities***Leah Brandon:***

<i>Progress report</i>	<i>.5hr</i>
<i>Preliminary Research</i>	<i>.5hrs</i>
<i>Total</i>	<i>1hrs</i>

Adam Dahlen:

<i>Client Communication</i>	<i>.25hrs</i>
<i>Total</i>	<i>.25hrs</i>

Nathan Kleinhans:

<i>Preliminary Research</i>	<i>.5hrs</i>
<i>Total</i>	<i>.5hrs</i>

Sara Worzella:

<i>Internet Research</i>	<i>.5 hrs</i>
<i>Total</i>	<i>.5hrs</i>

Team Total Hours this week: 2.25 hrs

Team Total Hours to date: 2.25 hrs

Expenses

- No expenses to date