**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**

<table>
<thead>
<tr>
<th>Week</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Week 1-2</td>
<td>worked on separate project</td>
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<tr>
<td>Week 3</td>
<td>meet with client, literature search, develop PDS as a team</td>
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<td>Week 4</td>
<td>brainstorm design ideas</td>
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<td>Week 5</td>
<td>decide on three alternative designs</td>
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<td>Week 6</td>
<td>work on oral presentations and written report</td>
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<td>Week 7</td>
<td>oral presentations: hand in report, PDS, design notebooks</td>
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<td>Weeks 8-11</td>
<td>decide upon final design, work on prototype</td>
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<tr>
<td>Weeks 12-14</td>
<td>prepare for final presentations (Dec 2), finish final design</td>
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<tr>
<td>Week 15</td>
<td>hand in written report and notebook to advisor (Dec 7) and final advisor meeting (Dec 9)</td>
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Activities

**Leah Brandon:**
- Progress report: .5hr
- Preliminary Research: .5hrs
  **Total**: 1hrs

**Adam Dahlen:**
- Client Communication: .25hrs
  **Total**: .25hrs

**Nathan Kleinhans:**
- Preliminary Research: .5hrs
  **Total**: .5hrs

**Sara Worzella:**
- Internet Research: .5 hrs
  **Total**: .5hrs

Team Total Hours this week: 2.25 hrs

Team Total Hours to date: 2.25 hrs

**Expenses**
- No expenses to date