Motor Skills Tester

Client: Marina E. Emborg, M.D. Ph.D.
National Primate Research Center
Department of Anatomy

Team Members: Kailey Feyereisen (Leader)
Gina Stuessy (Comm’s)
Cali Roen (BSAC)
Lacey Halfen (BWIG)

Week of September 15 through September 24, 2006

Problem Statement
Design an apparatus to test the fine motor skills of rhesus monkeys that minimizes the cognitive portion of problem solving; should be easy to clean, durable, adjustable for human testing, and attach to cage securely.

Last Week’s Goals
• Develop Problem Statement
• Write PDS
• Read articles from client and gather more background information
• Meet with group to begin brainstorming, develop preliminary design ideas

Summary of Accomplishments
• Developed problem statement
• Outlined goal of project for the semester

This Week’s Goals
• Brainstorm—develop as many ideas as possible
• Research materials, costs
• Assign PDS parts

Individual Goals
Kailey: Brainstorm, develop rough schedule
Gina: Contact client and advisor, brainstorm
Cali: Brainstorm
Lacey: Brainstorm, keep website current

Rough Schedule
09/08-09/15: Meet with client
09/15-09/22: Develop problem statement, research, begin brainstorming
09/22-09/29: Continue brainstorming, assign parts of PDS, research materials and cost
09/29-10/06: Develop preliminary design ideas, continue research
10/06-10/13: Assign mid-semester presentation/paper parts
10/13-10/20: Assemble PowerPoint, give presentation, assemble report
10/20-10/27: Edit report and turn it in, begin focus on final design, locate materials
10/27-11/03: Order materials, begin work on prototype
11/03-11/10: Continue work on prototype
11/10-11/17: Continue work on prototype, begin testing if possible
11/17-11/24: THANKSGIVING
11/24-12/01: Assign parts of presentation, paper
12/01-12/08: Assemble presentation, edit paper, give presentation
12/08-12/15: Hand in final report

**Difficulties**
The scope of the project was still unclear at the beginning of the reporting period, making it difficult for the team to focus its energy. We have since outlined the specific goals that we wish to accomplish within this semester and have moved forward into brainstorming ideas for the mid-semester presentation.

**Activities:** All members spent two hours in class discussing client meeting and general expectation of the course.

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<thead>
<tr>
<th>Member</th>
<th>Activities</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Kailey</td>
<td>Team meeting, Research, Schedule</td>
<td>3</td>
</tr>
<tr>
<td>Gina</td>
<td>Team meeting, Research, Emailing</td>
<td>2</td>
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<td>Cali</td>
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<tr>
<td>Lacey</td>
<td>Team meeting, Research, Lecture</td>
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**Hours to Date**

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<thead>
<tr>
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<th>Hours</th>
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<tr>
<td>Kailey</td>
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<tr>
<td>Gina</td>
<td>6</td>
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<tr>
<td>Cali</td>
<td>5.5</td>
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<tr>
<td>Lacey</td>
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**Expenses**
No expenses to date