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 24 through October 1, 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
- Brainstorm—develop as many ideas as possible
- Research materials, costs
- Assign PDS parts

Summary of Accomplishments
- Assigned parts for PDS
- Assembled rough draft of PDS
- Developed different design ideas, discussed pros and cons of each

This Week’s Goals
- Select three designs for mid-semester presentation
- Assign parts and begin rough draft of mid-semester report

Individual Goals
Kailey: Start rough draft of report, research materials and cost
Gina: Start rough draft of report, keep client up to date
Cali: Start rough draft of report, attend BSAC meeting
Lacey: Start rough draft of report, keep website current

Rough Schedule
09/08-09/15: Met with client
09/15-09/22: Developed problem statement, researched, and began brainstorming
09/22-09/29: Continued brainstorming, assigned parts and assembled rough PDS
09/29-10/06: Develop preliminary design ideas, continue research, and begin rough draft
of mid-semester report
10/06-10/13: Continue mid-semester presentation/paper parts
10/13-10/20: Assemble PowerPoint, give presentation, and assemble report
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10/20-10/27: Edit report and turn it in, begin focus on final design, locate materials
10/27-11/03: Order materials and begin work on prototype
11/03-11/10: Continue work on prototype
11/10-11/17: Continue work on prototype and 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, and give presentation
12/08-12/15: Hand in final report

Difficulties
Gina will not be able to meet with our advisor every week at the time we do it now, so we are again experiencing difficulties with scheduling.

Activities:

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<td>Kailey</td>
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<td>Team meetings, PDS, brainstorming</td>
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<td>Gina</td>
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<td>Team meeting, PDS, brainstorming, emailing</td>
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<td>Team meetings, PDS, brainstorming, website upkeep</td>
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Hours to Date

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Expenses
No expenses to date