

Title: Project 4: Primate Response

Names: Team Members: Corey Arnold, Mike Keller, Mike Mussallem, and Braden Rudolph. **Client:** Andy Roberts, Assistant Professor, Psychiatry and Medical Physics.

Date: 1/25-1/29

Problem Statement: To build a cage-mounted or wall mounted device for the quantitation of both fast (startle) and general motion and activity of the rhesus monkey that is also able to accommodate current cage dimensions, record data remotely and quantitate motion regardless of the monkey's position in the cage.

Restatement of Team Goals:

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Summary of Accomplishments:

- Started building box

Statement of Team Goals:

- To build our box mechanism

Schedule:

WEEK	DATE	LECTURE TOPIC	ACTIVITIES
1	7-Sep	Intro and course expectations	Form teams, select project, contact client
2	14-Sep	Overview of the design process	Literature search, meet with client
3	21-Sep	PDS	Develop project understanding and PDS
4	28-Sep	Oral presentation guidelines	Brainstorm
5	5-Oct	Peer review of report drafts	Work on presentations, Advisor review of notebooks
6	12-Oct	Oral presentations	Hand in written report
7	19-Oct		Decide on final design
8	26-Oct		Work on design
9	2-Nov		Work on design
10	9-Nov	Ethics	Work on design

11	16-Nov		Work on design
12	23-Nov	Thanksgiving	Work on design
13	30-Nov		Work on design
14	7-Dec		Work on design
15	14-Dec	Final presentations	Hand in written report and notebook
17	Dec 17-21		Final meetings with advisors

Difficulties:

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Activities: On 1-25 the group met and decided we need to finish building the box attachment piece. So on 1-28 the group met at the weisman center and put most of the box together.

Weekly Time (In Team):

- Assigning roles and reviewing the project: 1.5 hrs
- **Weekly Total: 1.5 hrs.**
- **Cumulative: 1.5 hrs.**

Individual Time (Corey):

- Going to the weisman center: 2 hrs
- **Total: 2 hr**
- **Cumulative: 2 hr**

Individual Time (Mike K):

- Going to the weisman center: 2 hrs
- **Total: 2 hr**
- **Cumulative: 2 hr**

Individual Time (Mike M):

- Going to the weisman center: 2 hrs
- **Total: 2 hr**
- **Cumulative: 2 hr**

Individual Time (Braden):

- Going to the weisman center: 2 hrs
- **Total: 2 hr**

- **Cumulative: 2 hr**