

**Date: 3/24/2014**

<b>Group Number and Name</b>	<b>DEC14-08 / PUMA ROBOT</b>
<b>Client/Advisor</b>	<b>Dr. Greg R. Luecke</b>
<b>Attendees/Role</b>	<b>Alex Grieve / Webmaster Matt Bogenschultz / Lead Nhat Pham / Communications Zeyu Zhang/ Key idea holder</b>

## **Past week accomplishments**

What was done, who did it, and when it was done

A: Alex, Nhat, Matt, and Zeyu worked on design document Google doc on Monday and Tuesday.

B: Zeyu researched on PID controller and assuming it just use proportional controller and integral controller because we want our error do some integration.

C: Alex edited and posted the design document to our website. Alex also updated the project plan.

D:

## **Plan for coming week**

What to do, who, and when should it be done

A: Zeyu will try to define the diagram of PID controller. Researching for connection between controller and PUMA robot. Depends on construction to provide the interface between PC and joints.

B: As a group, we will put together a Gantt chart for our work schedule.

Alex will update the project plan with this chart.  
C: Alex will read the user manual for the DAQ board.  
D: Matt, Nhat, and Zeyu will continue researching PID controllers and how to integrate it with the PUMA robot.

## Pending Issues

A: We have not been having regular meetings with our advisor. We have asked Mani to help us resolve this situation, as we need to meet with our advisor so we can make progress on the project.  
B: We don't know how PID controllers work, need to do a lot of research on them.  
C: We don't know what the procedure is for ordering parts. We would like to breadboard the H-bridge soon, but need parts.  
D:

## Individual Contributions

A: See "Past Week Accomplishments" section  
B:  
C:

## Individual hourly Contributions

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS Cumulative</u>
Matthew Bogenschutz/ Leader	6	29

Nhat Pham / Communication	8	32
Alex Grieve / Webmaster	8	46
Zeyu Zhang / Key-Idea-holder	6	20

## **Comments and extended discussions:**