

Date: 04/21/2014

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

Past week accomplishments

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

A: Nhat completed the prototype H-bridge circuit, and tested on a DC motor controlled by a PWM signal. He experimented with the pulse width and period length to control the power duty of the motor.

B: As a team we all completed the second design document.

C: Alex installed the MOTENC-Lite cards and tested them with some code he wrote. They appear to work as intended.

D: Alex wrote a small piece of code that generates a PWM signal, and utilizing Nhat's H-bridge, was able to control a DC motor.

Plan for coming week

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

A: Nhat will keep working on the H-bridge logic circuit to prevent both sides of the inputs being high, which could potentially damage other components.

B: As a team we will complete the final presentation powerpoint slides.

C: Our goal for this coming week is to get on axis of the robot to move.

Pending Issues

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Individual Contributions

A: See “Past Week Accomplishments” section

Individual hourly Contributions

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS Cumulative</u>
Matthew Bogenschutz/ Leader	4	52
Nhat Pham / Communication	10	61
Alex Grieve / Webmaster	8	73
Zeyu Zhang / Key-Idea-holder	4	36

Comments and extended discussions: