

Name	Date	Time In	Time Out	What you did?
Spencer	10/31	1:30 PM	2:45 PM	Meeting
Benjamin	10/31	1:30 PM	2:45 PM	Meeting
Cruz	10/31	1:30 PM	2:45 PM	Meeting
Spencer	10/31	7:00 PM	9:00 PM	Servo mount CAD design
Spencer	11/1	10:00 AM	12:00 PM	Servo mount CAD design
Spencer	11/1	4:00 PM	5:00 PM	Servo mount CAD design
Spencer	11/2	10:00 AM	11:00 AM	Lever arm design
Spencer	11/2	3:00 PM	4:00 PM	Base design
Spencer	11/2	6:00 PM	7:00 PM	Finished CAD designs
Benjamin	11/3	9:00 PM	12:00 AM	Schematic and Arduino sketch
Spencer	11/5	11:00 PM	3:00 AM	Servo prototype assembly
Benjamin	11/6	10:20 AM	10:50 AM	Finished Arduino sketch rev. 1
Benjamin	11/6	1:10 PM	1:30 PM	Adjusted code
Cruz	11/6	3:40 PM	4:40 PM	Googled how to interface an Arduino with MatLab
Cruz	11/6	6:45 PM	7:45 PM	Read documentation for the MatLab support package for the Arduino
Cruz	11/6	11:00 PM	12:00 AM	Further researched PID loops and how to implement one using the Arduino
Benjamin	11/7	8:30 AM	9:00 AM	Tweaked and commented Arduino code
Benjamin	11/7	9:00 AM	9:30 AM	Reviewed and modified schematic
Cruz	11/7	2:00 PM	3:50 PM	Meeting; Drawing block diagrams
Benjamin	11/7	2:00 PM	3:50 PM	Meeting; Testing hardware
Spencer	11/7	2:00 PM	3:50 PM	Meeting; Testing hardware
Benjamin	11/8	5:00 PM	8:00 PM	Meeting: Servo made functional
Spencer	11/8	5:00 PM	8:00 PM	Meeting: Servo made functional
Cruz	11/10	3:00 PM	6:00 PM	Researched how to plot graphs in real time (MatLab)
Cruz	11/11	11:10 AM	2:10 PM	Practiced plotting graphs and researched how to properly sample a signal using the arduino
Spencer	11/11	11:00 PM	1:00 AM	Group presentation and list of materials, and video script.
Cruz	11/11	4:30 PM	6:30 PM	Wrote first version of the MatLab script
Cruz	11/13	4:10 PM	7:30 PM	Tested and debugged MatLab script
Benjamin	11/13	10:00 PM	12:00 AM	Documentation
Spencer	11/13	6:00 PM	8:00 PM	Brain stormed on Matlab code
Spencer	11/14	12:00 PM	1:30 PM	Mechanical drawing,
Spencer	11/14	1:30 PM	3:30 PM	Meeting: Mechanical drawing, documentation, Matlab code
Cruz	11/14	1:30 PM	3:30 PM	Meeting: Mechanical drawing, documentation, Matlab code
Benjamin	11/14	1:30 PM	3:30 PM	Meeting: Mechanical drawing, documentation, Matlab code
Spencer	11/14	7:00 PM	7:30 PM	Setting motor in base
Spencer	11/14	8:30 PM	11:00 PM	Mechanical Drawing for Lever-Arm, documentation
Cruz	11/14	11:30 PM	3:10 AM	Wrote second version of the MatLab code, tested implementation and documented code
Spencer	11/15	10:00 AM	12:00 PM	Put together current sensor.
Cruz	11/15	10:00 AM	12:00 PM	Implemented current plotting into the MatLab code
Cruz	11/15	5:00 PM		Final test of the MatLab code