Work Completed

Due to an unexpected power outage last week, our lab time on Friday was drastically cut down. However, the majority of the time spent working last week was focused on planning for the upcoming push to the finish. Details about the finalization of the horizontal motion were discussed along with parts that will need to be ordered. We have come up with a final list of parts from 80/20 that will be needed, which includes an additional 3 slides. Final placement and alignment of the actuators was also discussed by me and Frank in preparation for final welding over the break.

Future Work

First the final method for mounting the gear motor for the horizontal motion must be finalized. Following that, small metal boxes must be made to house the motor and its wiring along with another box containing the power supply and relays and another to house the joystick and its wiring. Jon will be purchasing some wiring during the lab period tomorrow and will begin to wire the easel up. There is only minor fabrication left for Frank to complete, which is the completion of the horizontal motion which was designed by me.
**Project Review**

At the moment, the project looks to be running on time and will be done within the next two or three weeks, depending on when ordered parts come in. We have worked many of the bugs out of the easel and it appears that it will be smooth sailing right until the end.

**Hours Worked**

Out of lab hours: 2 hours

Out of lab paperwork: 2 hours

In-Lab Time: 2 hours

*Total:* 6 hours