Work Completed:

This week I completed fabrication of the squish switch. I also fixed the touch switch, which didn’t work because it needed another layer of foam between the cap and the bottom of the box. I then tested the motor with the potentiometer to find the optimal resistance to put in series with the potentiometer such that the chair cannot rock faster than 24 times per second. Once the optimal resistor value (575 K) was found, I soldered the resistors to and wired the rest of the motor controller.
These are the scheduled tasks I worked on this week.

**Future Work:**
This week I plan to continue to work on the items in the above timeline. I plan to wire the user switches to both the motor controller and the CD player. I am also going to begin recovering the upholstery on the chair, and sewing a chair cover.

**Project Review:**
As can be seen from the timeline, I am working on tasks for April. My end of the project is ahead of schedule, however I would like to begin wrapping up my end of the project so that we may commence testing and glitch fixing.

**Hours Worked:** This week I worked for about 11 hours.