Work Completed

This week was a slow week because of three midterm exams, but I was still able to complete a good majority of what we had wanted to accomplish. The foot mouse is completed, except for the Velcro straps and painting. After both of those are complete, it will be ready for volunteer testing and then finally out of the way as far as project work. Below is a picture of the foot mouse. It will be painted blue for UConn,
The track ball mouse internal structure is built. The trackball was tested with the internal structure, but did not work as originally thought. It worked for a majority of the time, but did not function properly throughout its use. Therefore, after experimenting with the trackball, it was determined that the black, glossy finish hindered tracking of the movement of the ball by the optical mouse. So, we have decided to paint the ball blue, that same color as the foot mouse. This will hopefully create a duller finish of the ball, that will not reflect the light of the LED as sporadically as the black glossy finish did.

The art instrument is still a work in progress. After contacting Brooke H. to finalize the design of the instrument, we came to the conclusion that we were able to continue with our original design and it would be used for a different set of clients. This miscommunication has just prevented about a week and a half of construction on the art instrument. This wasn’t technically a bad occurrence, seeing as we were able to nearly
complete the rest of our projects in the process. Now we have the rest of the senior design
time to finish the art instrument, which is proving to be the most difficult project we
have.

Future Work

The foot mouse and trackball mouse will be painted, mounted and ready for
testing next week. Hopefully the alternative mouse system project will be completed and
out of our way, leaving only the game for improving name recall, which is nearly
complete as well, and the troublesome art instrument.

Project Review

Progress of this week was not as expected. There were many distractions this
week, including 3 midterm exams that I had to complete. This, of course, took a decent
amount of time away from attending the senior lab. Most of the time was spent in the
senior design lab, when the machine shop was closed because of the exam times. Next
week will be more promising and spring break will allow us to get much work done.

Hours Worked

Week #6 Total Hours: 14 hours