Work Completed: This past week I helped Ryan implement the wireless receiver into the output device enclosure design. To do this we connected the LCD and wireless receiver to the battery pack and powered them both at the same time. The first time we did this, the LCD and receiver were drawing a large amount of voltage and significantly draining the battery pack in a short period of time. Upon consulting with Dave, we reconnected all devices and powered on. Taking measurements of voltage drop over an hour of time, very little voltage consumption occurred. This led us to believe that our initial set up was not connected correctly.

Future Work: Textures for each room needs to be determined. The floor should be made to look like a floor and the same goes for the walls and ceilings. If there is a TV in a room, the TV should have an image on it. These minor details will make all the difference with the look and
feel of the environment. In the next couple of weeks there will be an attempt to create a believable environment inside of FLASH. Also, once hooking up the wireless transmitter and receiver inside of mock enclosures there was significant interference. To deal with this we need to find a material that can be placed inside of the enclosures around the circuitry to ward off interference.

**Project Review:** This week saw several project completions in the construction of an output LCD enclosure case and the design of an input device. Flash has not moved forward as expected do to unfamiliarity with the software interface. Working through that in the next few weeks we hope to see many environments complete.

**Hours Worked:** 12