WORK COMPLETED

The mechanical portion of the project is now completed, the servo motors have been soldered into the controller box panel and attached to each of their relays. The function of each servo has been tested with the motor program, and has worked successfully. The cutter and the pill drop now need to be mounted into the top platform of the storage modulus so they values for the duty cycle for each servo can be obtained and placed into the main program. Testing of the motor program and the main program have been completed separately, but not together.

The viewsonic airpanel arrived but without the drivers needed to upload the LabVIEW program. The company from which it was purchased was contacted and they are sending us the installation cd, but it is highly unlikely that this cd will arrive before the end of the week, when the project is due; therefore we are going to use the laptop as our driver unless the cd miraculously arrives in time.

FUTURE WORK

The main task at hand is placing the two programs together on the laptop and testing the function of the entire device. The functions of the motors have already been tested so the main issue is the function of the main program, verifying that the correct values are passed through and stored in the array.
PROJECT REVIEW

It is unfortunate that the viewsonic airpanel will not work for our project, we were relying heavily on its touch screen capabilities to make the device more accessible for those clients with poor mobility. With the deadline being this Friday, our only option is to use the laptop.

HOURS WORKED

Eva Marie: 15 hours