**EE4953 – EE/CpE Capstone – Laser Show Team – Meeting Minutes**

**Location:** Senior Lab

**Date:** 20 February 2023

**Time:** 15:00 - 16:00 ET

**Attendance:** Drew Edmonds, Ian Gant, Aditya Sahi , Dan Allwine, Dominic Benintendi

**Not Attending**: Tianyi Cai (Absent due to prior commitment)

**Discussion:**

Dan -

* Look up the options for joystick(Adafruit joystick)
* Laser - might be here tuesday or wednesday

Ian-

* Issues with the LCD, have too much resistance.
* Setting up our code for the touch screen for user input
* Accelerometer on our controllers(optional) [ICM-20948] (<https://product.tdk.com/system/files/dam/doc/product/sensor/mortion-inertial/imu/data_sheet/ds-000189-icm-20948-v1.5.pdf>)
* Trade study on controllers

Dom-

* Getting a 5V line , using a different power supply
* Getting started on controllers, getting the esp32 in.
* Make a case for the unit itself.
* Search for libraries/ modules for the ide

Drew-

* LCD Library

Adi-

* LCD Library
* Actions points
  + Dom
    - Getting new power supply installed
    - Intigrating the new SPI DACS
  + Ian
    - Controller Trade study
    - Start Prototyping the controllers
  + Drew
    - LCD Library
  + Adi
    - LCD Library