ENEL599 Final Project Changelog

# Premise

I decided to make a pong gaming system using an LED display panel. The Arduino will output its display to a 32x16 p10-8s RGB LED panel. Player input can be gathered using two potentiometers which map their turn range to the paddle position for that player. Scored should be output to two 7-segment displays. A speaker or buzzer should beep when the ball hits a panel or goes out of bounds.

## Parts list

* RGB LED Panel P10-8s
* Arduino nano for panel driving
* Second Arduino for game simulation, player IO.
* 2x 7-segment display
* Shift register
* 5V 20W power supply.
* 2x 10kr Potentiometers with knobs

## Panel Driver Prototyping

After attempting to interact with the shift-registers in the display panel I decided that I would not have enough time to write my own driver code at this stage.