Project summary

Name: Popoola Emmanuel

My project is about the stereo VU meter. It is meant to take in a stereo audio signal and then display the signal strength for each channel. The VU meter has two independent inputs, one for the Right (R) and another one for the Left (L) audio channel. This is sent to the Arduino which already has its code and due to pins being assigned each input has its corresponding LED output with colors (1 white, 2 yellow, 1 red) to show the level. The main challenges that were faced were mainly due to safety and live wires out. To improve this project, you will need to attach a speaker because the project works only without a speaker. this is an individual project. So the challenge I had was the time and research for me to even start the program. It started with learning how to do the Arduino part of coding. after coding, I had to decide what parts were needed for the program but due to COVID 19, they were delayed and took some time from me. After getting parts mistakes were made but with time and planning everything went according to plan.