Sahan Jayalath Progress Report # 3

After spending several days fine turning the settings in teachable machine to detect magic the gathering cards, I finally got a model that would detect 7 specific cards. Along with their own classes and a separate class that would know when the user isn't holding any cards. I would take this model and connect it into a python script that would create a simple window that would detect the type of card presented to the card with a confidence rate displayed in a window. Once the webcam screen is active the model is actively looking through the webcam to either categorize what it is seeing as one of the seven cards being presented to it or as waiting for the user to present cards to the screen in order to detect something. Finally I was able to code something in python that detected the labels that also displayed a real time confidence score back to the user. The Frame rate on the window has some noticeable lag and doesn't properly display the additional text I programmed to show once a certain label was detected but it does in fact show what is meant to be displayed.