Weekly Progress 2

Final Project

2020.04.19

Project Name: Artificial “Detelligence”

Group Member: Liu Jiang, Becky Song, Wynnie Sun

This week our group has discussed about how to increase the accuracy of our model. Since we are using the convolutional neural network, if we get too many class labels to train, the accuracy of the model will greatly reduce. Therefore, we plan to decrease the number of possible class label to 10 at each round. That is to say, at the beginning of each round, the user will need to choose one class label out of ten different options, and then he can draw on the user interface according the class label he chose. The program will never know which class label is picked, and that can guarantee fair treatment. Then, the program will train model and predict class label based on those ten options. In that way, the accuracy is maximized. Also, we have finished the design of our website, and we plan to implement that in the next week.