My job in the group is to run all the model in my computer using GPU cuda, I monitor all the changes during each training epoch and If I find the abnormal changes in loss or accuracy I would modify the parameters of the model to give it better performance in training. I also encounter the problem of run out of GPU memory because the limitation of 6 GB ram, after I training the model, keras clear\_session() and cuda.close() function to reset all memory back in default mode. In the beginning, I can make the data separation because it provides the validation set, and then transfer the train data into generator object. In the part of keras model setting, I choose model from keras.application and I learn from keras document and Internet of how to use keras. Since we set the include top= false, I need to add extra layer setting to set drop out layer to give the network generalization power, and a softmax layer to classify the final result. My group and me cooperate to change parameters and learning rate and visualizing result, we together write and discuss our final project report.