Name: Khoa Nguyen - 43498533

Group Number: 4

Individual Contributions

My contributions to this project from be beginning to the end are listed as: writing project proposal and doing research together with my teammates on the topic of utilizing *Tensorflow* 's api to create a Convolution Neural Network that can classify images of house numbers that are around 1 - 5 digits. For the SVHN data that we use, I did more internet searches to find the best library on python that can extract tar files into folder of .png images, then I inform my teammates. Beside writing project proposal and doing research, I'm also responsible in implementing the first model of our CNN – single-digit trainer, which is the model that will be reused for multi-digits trainer. Once I have coded the first step of our classifier, I started training and created the first weighted model with all necessary variables to help training multi-classifier model. After waiting for my teammate to complete the last trainer script, I started implementing the testers in project.ipynb and ran the last test to see how well our classifier doing with our chosen images. I also manually cropped test images to match our model's max width and height, since images larger than 64x64 aren't optimized to have good predictions. And lastly, when we finally completed with the coding part of this project, me and my team proceed to create the project report. I helped writing the 'Technical Approach' section, 'Software and Tools used' section, and 'Result' section.