Project #2 Due date: 2022/04/05

1. Congratulation!! You have successfully designed and implemented some deep-learning models for image classification by yourselves. In this project, you are asked to tackle some real-world image databases. Choose the best model of yours and extend the model to meet with the following specifications:

   - Number of convolutional layers ≥ 3.
   - Adding pooling layers as you need
   - Mask sizes 3×3 or 5×5.
   - Number of FC-CNN layers ≥ 2.
   - Size of input image data: $> 200 \times 200$.
   - Number of training images ≥ 2000.
   - Number of test images ≥ 300.

   For the training and testing data, you can select one from the following image dataset link provided by the Tensorflow: `https://www.tensorflow.org/datasets/catalog/overview?hl=zh-tw`

   Note that: if you are working on your own research, you can choose the dataset that you have collected as long as the image sizes match the above specifications.