GitHub repo:

https://github.com/toastedphil/cs4347assignment3

Details of Architecture:

I used a 4 layer convolution neural network for my project similar to the one you gave us for the project. I added a few "batch normalization" layers to normalize the input layers to hopefully get better results. I also switched the optimizer to Adam.

Results of Experiment:

Used in Experiment:

Loss Function: Cross Entropy

Learning Rate: .001

No Scheduler Used

Optimizer: Adam

Epoch: 10

Train Size: 100

Test Size: 100

Data Dimension Height x Width: 128 x 128