

Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID27450
Project Name	Project – Handwritten Digit Recognition System
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

MODEL SUMMARY

Model: "sequential"

Layer (type)	Output Shape	Param #
conv2d (Conv2D)	(None, 28, 28, 6)	156
max_pooling2d (MaxPooling2D)	(None, 14, 14, 6)	0
conv2d_1 (Conv2D)	(None, 10, 10, 16)	2416
max_pooling2d_1 (MaxPooling2D)	(None, 5, 5, 16)	0
flatten (Flatten)	(None, 400)	0
dense (Dense)	(None, 120)	48120
dense_1 (Dense)	(None, 84)	10164
dense_2 (Dense)	(None, 10)	850
Total params: 61,706		
Trainable params: 61,706		
Non-trainable params: 0		

ACCURACY

Training Accuracy	99.2 %
Validation Accuracy	99.8 %
Epochs Trained	200

TRAINING PLOT

