Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID35141
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 (MaxPooling2 (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

model accuracy