Project Development Phase
Model Performance Test

Date	17 November 2022
Team ID	PNT2022TMID07022
Project Name	A Novel Method for 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"
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 Layer (type)                Output Shape          Param #
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 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