

## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID48376
Project Name	Project – Novel method for Handwritten Digit Recognition
Maximum Marks	10 Marks

### Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	 <pre> Model: "sequential" Layer (type)                Output Shape              Param # ----- conv2d (Conv2D)              (None, 26, 26, 64)        640 conv2d_1 (Conv2D)            (None, 24, 24, 32)        18464 flatten (Flatten)            (None, 18432)             0 dense (Dense)                (None, 10)                184330 ----- Total params: 203,434 Trainable params: 203,434 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy -  Validation Accuracy -	 <pre> 5 - accuracy: 0.9605 - val_loss: 0.0618 - val_accuracy: 0.9802 4 - accuracy: 0.9851 - val_loss: 0.0407 - val_accuracy: 0.9866 3 - accuracy: 0.9909 - val_loss: 0.0477 - val_accuracy: 0.9860 2 - accuracy: 0.9933 - val_loss: 0.0440 - val_accuracy: 0.9869 1 - accuracy: 0.9955 - val_loss: 0.0514 - val_accuracy: 0.9864 </pre>