

Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID20676
Project Name	Project - A Novel Method for Handwritten Digit Recognition System
Maximum Marks	10 Marks

Model Performance Testing:

S.No	Parameter	Values	Screenshot
1.	Model Summary	Layers: Conv2d Conv2d_1 max_pooling2d (MaxPooling2D) flatten (Flatten) dense (Dense)	<pre> 20 [1] model.summary() Model: "sequential" Layer (type) Output Shape Param # ----- conv2d (Conv2D) (None, 28, 28, 32) 32000 conv2d_1 (Conv2D) (None, 28, 28, 32) 32000 max_pooling2d (MaxPooling2D) (None, 14, 14, 32) 320 flatten (Flatten) (None, 1568) 0 dense (Dense) (None, 10) 15680 Total params: 64,320 Trainable params: 64,320 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy - 0.9904 Validation Accuracy – 0.9778	<pre> Epoch 10/10: 0.9904 (acc) - 0.9778 (val_acc) </pre>