

## Project Development Phase Model Performance Test

Date	17 NOVEMBER 2022
Team ID	PNT2022TMID41253
Project Name	Project - 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.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	<pre>model.summary()  Model: "sequential"  Layer (type)                 Output Shape                 Param # ===== flatten (Flatten)            (None, 784)                   0 dense (Dense)                 (None, 128)                  100480 dense_1 (Dense)              (None, 10)                   1290 ===== Total params: 101,770 Trainable params: 101,770 Non-trainable params: 0</pre>
2.	Accuracy	Training Accuracy -  Validation Accuracy -	<pre>metrics = model.evaluate(x_test, y_test, verbose=0) print("Metrics(Test loss &amp; Test Accuracy)") print(metrics)  Metrics(Test loss &amp; Test Accuracy) [0.08779001981019974, 0.9721999764442444]</pre> <pre>metrics = model.evaluate(x_test, y_test, verbose = 0) print("Metrics(Test loss &amp; Test Accuracy): ") print(metrics)  Metrics(Test loss &amp; Test Accuracy): [0.08779001981019974, 0.9721999764442444]</pre>
3.	Confidence Score (Only Yolo Projects)	Class Detected -  Confidence Score -	---

