Model Performance Test

Date	14th November 2022	
Team ID	PNT2022TMID44229	
Project Name	A Novel Method for Handwritten Digit	
	Recognition System	
Maximum Marks	10 Marks	

Model Performance Testing:

S.No	Parameter	Values	Screenshot		
1.	Model Summary		Model: "sequential_1" Layer (type) conv2d_2 (Conv2D) conv2d_3 (Conv2D) max_pooling2d_1 (MaxPooling 2D) dropout_2 (Dropout) flatten_1 (Flatten) dense_2 (Dense)	(None, 26, 26, 64) (None, 24, 24, 64)	Param # 640 36928 0 0 0 2359552
			dropout_3 (Dropout) dense_3 (Dense) Total params: 2,399,690 Trainable params: 2,399,690 Non-trainable params: 0	(None, 256) (None, 10)	0 2570
2.	Accuracy	Training Accuracy – 74.94 Validation Accuracy - 87.23000	Epoch 5/10 Facel 3000 [84s 61ms/step - loss: 1.2016 - acc 83s 61ms/step - loss: 1.0582 - acc 83s 60ms/step - loss: 0.9642 - acc 84s 61ms/step - loss: 0.8933 - acc 84s 61ms/step - loss: 0.8457 - acc 83s 61ms/step - loss: 0.8030 - acc	curacy: 0.5937 - val_loss: 1.6779 - val_accuracy: 0.8083 curacy: 0.6396 - val_loss: 0.8568 - val_accuracy: 0.8286 curacy: 0.6772 - val_loss: 0.7206 - val_accuracy: 0.8431 curacy: 0.6992 - val_loss: 0.6349 - val_accuracy: 0.8517 curacy: 0.7219 - val_loss: 0.5756 - val_accuracy: 0.8601 curacy: 0.7350 - val_loss: 0.5334 - val_accuracy: 0.8670 curacy: 0.7494 - val_loss: 0.4991 - val_accuracy: 0.8736