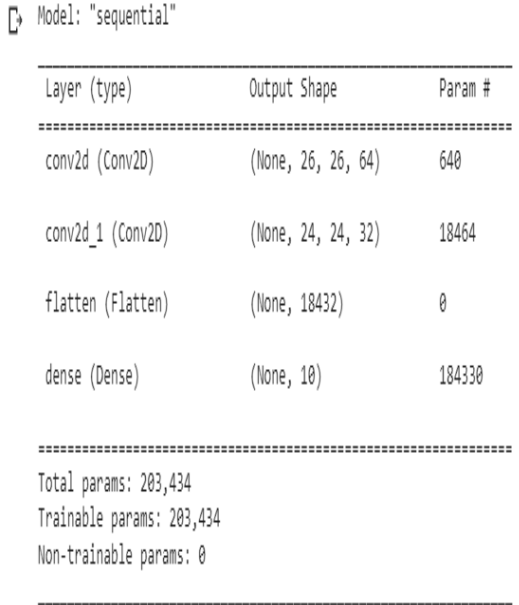
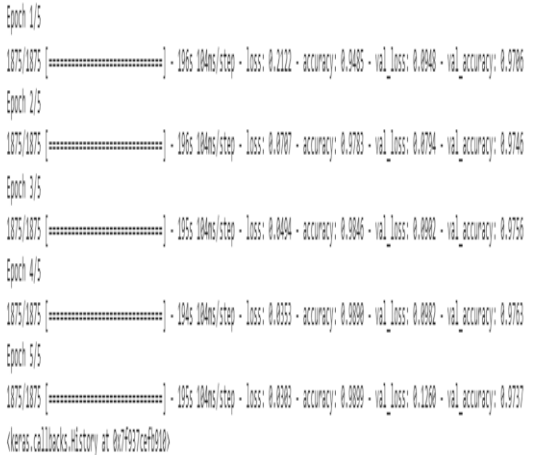


Model Performance Test

Date	15 November 2022
Team ID	PNT2022TMID39413
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	Model: Sequential ➤ Total params:203,434 ➤ Trainable params:203,434 ➤ Non-trainable params:0	 <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 – ➤ Loss : 0.0303 ➤ Accuracy : 0.9899 Validation Accuracy: ➤ Val_loss:0.1260 ➤ Val_accuracy:0.9737	 <pre> Epoch 1/5 1075/1075 [=====] - 104s 104ms/step - loss: 0.2122 - accuracy: 0.9405 - val_loss: 0.0940 - val_accuracy: 0.9706 Epoch 2/5 1075/1075 [=====] - 104s 104ms/step - loss: 0.0707 - accuracy: 0.9703 - val_loss: 0.0704 - val_accuracy: 0.9746 Epoch 3/5 1075/1075 [=====] - 105s 104ms/step - loss: 0.0404 - accuracy: 0.9846 - val_loss: 0.0902 - val_accuracy: 0.9756 Epoch 4/5 1075/1075 [=====] - 104s 104ms/step - loss: 0.0353 - accuracy: 0.9800 - val_loss: 0.0902 - val_accuracy: 0.9763 Epoch 5/5 1075/1075 [=====] - 105s 104ms/step - loss: 0.0303 - accuracy: 0.9899 - val_loss: 0.1260 - val_accuracy: 0.9737 <keras.callbacks.History at 0x7937ce4f01d0> </pre>

		<ul style="list-style-type: none">➤ Test loss:0.1259➤ Test accuracy:0.9736	<div>Metrics (Test loss &Test Accuracy): [0.12595367431640625, 0.9736999869346619]</div>
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