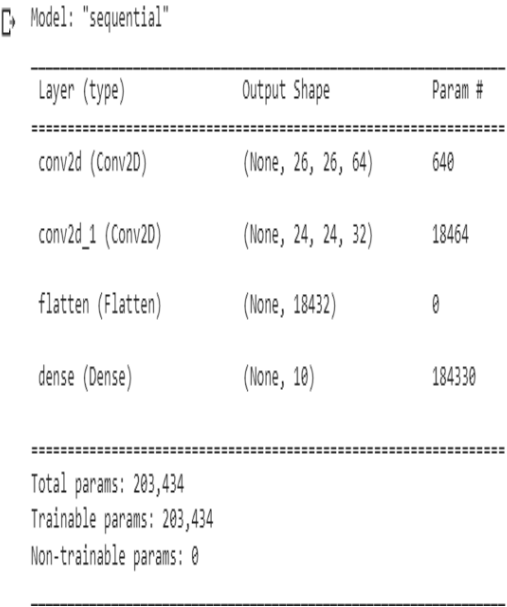
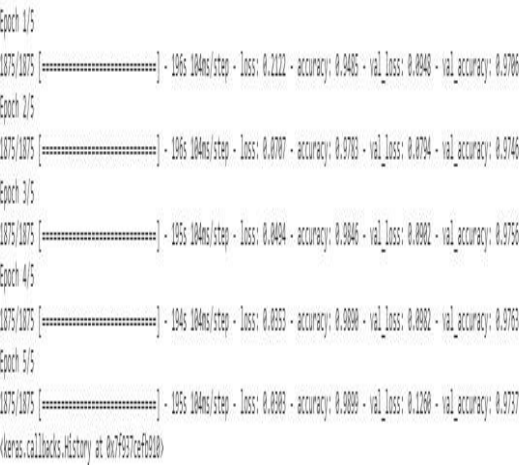


ModelPerformanceTest

Date	24 November 2022
TeamID	PNT2022TMID44952
ProjectName	Project-Real-TimeCommunicationSystemPoweredbyAlforSpeciallyAble
MaximumMarks	10Marks

ModelPerformanceTesting:

Project teamshallfillthefollowinginformationin modelperformancetestingtemplate.

S.No.	Parameter	Values	Screenshot
1.	ModelSummary	Model:Sequential <ul style="list-style-type: none"> ➤ Totalparans:203,434 ➤ Trainableparans:203,434 ➤ Non-trainableparans: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	TrainingAccuracy– <ul style="list-style-type: none"> ➤ Loss:0.0303 ➤ Accuracy:0.9899 ValidationAccuracy: <ul style="list-style-type: none"> ➤ Val_loss:0.1260 ➤ Val_accuracy:0.9737 	 <pre> Epoch 1/5 1075/1075 [=====] - 196s 104ms/step - loss: 0.2102 - accuracy: 0.9405 - val_loss: 0.0840 - val_accuracy: 0.9706 Epoch 2/5 1075/1075 [=====] - 196s 104ms/step - loss: 0.0707 - accuracy: 0.9703 - val_loss: 0.0794 - val_accuracy: 0.9746 Epoch 3/5 1075/1075 [=====] - 195s 104ms/step - loss: 0.0404 - accuracy: 0.9846 - val_loss: 0.0802 - val_accuracy: 0.9756 Epoch 4/5 1075/1075 [=====] - 194s 104ms/step - loss: 0.0353 - accuracy: 0.9899 - val_loss: 0.0802 - val_accuracy: 0.9763 Epoch 5/5 1075/1075 [=====] - 195s 104ms/step - loss: 0.0303 - accuracy: 0.9899 - val_loss: 0.1260 - val_accuracy: 0.9737 (keras.callbacks.History at 0x7f937ce4f0d0) </pre>

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