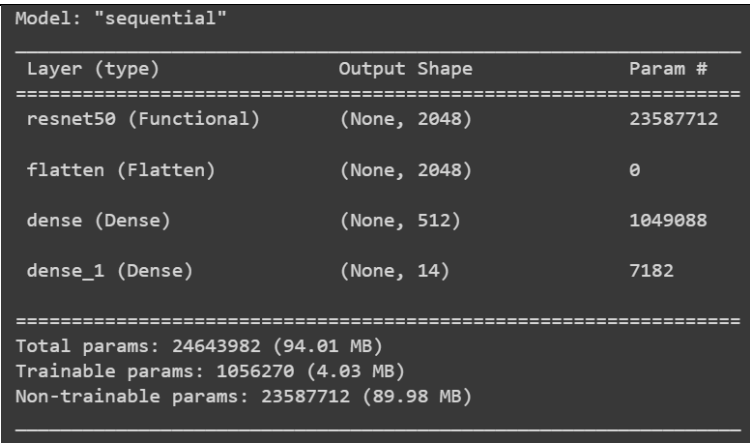
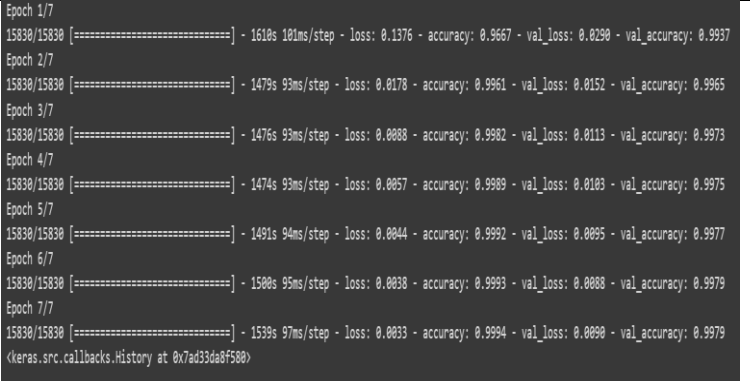


## Project Development Phase Model Performance Test

Date	9 November 2023
Team ID	Team-592460
Project Name	Crime Vision: Crime Classification Using Deep Learning
Maximum Marks	10 Marks

### Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	 <pre> Model: "sequential"  Layer (type)                Output Shape              Param # ===== resnet50 (Functional)       (None, 2048)              23587712 flatten (Flatten)           (None, 2048)              0 dense (Dense)                (None, 512)              1049088 dense_1 (Dense)             (None, 14)               7182 ===== Total params: 24643982 (94.01 MB) Trainable params: 1056270 (4.03 MB) Non-trainable params: 23587712 (89.98 MB) </pre>
2.	Accuracy	<p>Training Accuracy – 99.94 %</p> <p>Validation Accuracy – 99.79</p>	 <pre> Epoch 1/7 15830/15830 [=====] - 1610s 101ms/step - loss: 0.1376 - accuracy: 0.9667 - val_loss: 0.0290 - val_accuracy: 0.9937 Epoch 2/7 15830/15830 [=====] - 1479s 93ms/step - loss: 0.0170 - accuracy: 0.9961 - val_loss: 0.0152 - val_accuracy: 0.9965 Epoch 3/7 15830/15830 [=====] - 1476s 93ms/step - loss: 0.0088 - accuracy: 0.9982 - val_loss: 0.0113 - val_accuracy: 0.9973 Epoch 4/7 15830/15830 [=====] - 1474s 93ms/step - loss: 0.0057 - accuracy: 0.9989 - val_loss: 0.0103 - val_accuracy: 0.9975 Epoch 5/7 15830/15830 [=====] - 1491s 94ms/step - loss: 0.0044 - accuracy: 0.9992 - val_loss: 0.0095 - val_accuracy: 0.9977 Epoch 6/7 15830/15830 [=====] - 1500s 95ms/step - loss: 0.0038 - accuracy: 0.9993 - val_loss: 0.0088 - val_accuracy: 0.9979 Epoch 7/7 15830/15830 [=====] - 1539s 97ms/step - loss: 0.0033 - accuracy: 0.9994 - val_loss: 0.0090 - val_accuracy: 0.9979 &lt;keras.src.callbacks.history at 0x7ad33da8f580&gt; </pre>