PROJECT DEVELOPMENT PHASE
MODEL PERFORMANCE TEST

DATE	02-11-2023
TEAM ID	TEAM-593175
PROJECT	CRIME VISION: ADVANCED CRIME CLASSIFICATION USING DEEP LEARNING
MAXIMUM MARKS	10

MODEL PERFORMANCE TEST:
MODEL SUMMARY:

```
Model: "sequential"
_____
 Layer (type)                Output Shape              Param #
=================================================================
 densenet121 (Functional)    (None, 2, 2, 1024)        7037504

 global_average_pooling2d (  (None, 1024)              0
 GlobalAveragePooling2D)

 dense (Dense)               (None, 256)               262400

 dropout (Dropout)           (None, 256)               0

 dense_1 (Dense)             (None, 512)               131584

 dropout_1 (Dropout)         (None, 512)               0

 dense_2 (Dense)             (None, 1024)              525312

 dense_3 (Dense)             (None, 14)                14350

=================================================================
Total params: 7971150 (30.41 MB)
Trainable params: 6386894 (24.36 MB)
Non-trainable params: 1584256 (6.04 MB)
_____
```

ACCURACY:

TRAINING ACCURACY: 97.79
VALIDATION ACCURACY:99.14

```
7915/7915 [==============================] - 21468s 3s/step - loss: 0.0846 - accuracy: 0.9779 - val_loss: 0.0397 - val_accurac
y: 0.9914
```