# Project Development Phase Model Performance Test

Date	14 November 2022	
Team ID	SHRIIBMSI20220027543	
Project Name	Emerging Methods for Early Detection of Forest Fires	
Maximum Marks	10 Marks	

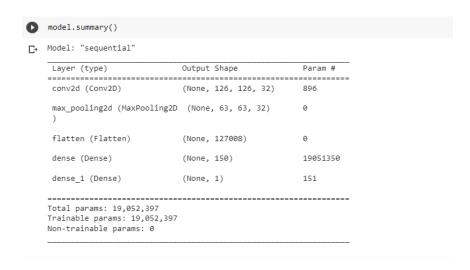
### **Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values
1.	Model Summary	Total params: 19,052,397 Trainable params: 19,052,397 Non-trainable params: 0
2.	Accuracy	Training Accuracy – 92.43  Validation Accuracy – 97.52

#### **Screenshot:**

## **Model Summary:**



#### **Accuracy:**

[ ] #Training the model model.fit\_generator(x\_train,steps\_per\_epoch=14,epochs=10,validation\_data=x\_test,validation\_steps=4)

```
Epoch 1/10
      14/14 [=====
Epoch 2/10
       14/14 [====
Epoch 3/10
14/14 [=============] - 26s 2s/step - loss: 0.2108 - accuracy: 0.9083 - val_loss: 0.1145 - val_accuracy: 0.9669
Epoch 4/10
14/14 [====
       Epoch 5/10
14/14 [======
       Epoch 6/10
14/14 [====
       ==========] - 24s 2s/step - loss: 0.1780 - accuracy: 0.9266 - val_loss: 0.0839 - val_accuracy: 0.9752
Epoch 7/10
Epoch 8/10
        =========] - 25s 2s/step - loss: 0.1696 - accuracy: 0.9151 - val_loss: 0.0679 - val_accuracy: 0.9752
14/14 [====
Epoch 9/10
Epoch 10/10
14/14 [===========] - 26s 2s/step - loss: 0.1675 - accuracy: 0.9243 - val_loss: 0.0939 - val_accuracy: 0.9752
<keras.callbacks.History at 0x7f111d754c90>
```