Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID34027
Project Name	Project – Emerging methods for early detection of forest fire
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	-	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 [====================================
2.	Accuracy	Training Accuracy - Validation Accuracy -	Predictions [] #import load model from keras.model from keras.models import load_model #import image from keras from tensorflow.keras.preprocessing import image import numpy as np #import cv2 import cv2 import cv2 #load the saved model model=load_model('forest.h5') img=image.load_img('/content/drive/MyDrive/drive/dataset/Dataset/Dataset/test_set/forest/0.48007200_x=image.img_to_array(img) res=cv2.resize(x,dsize=(128,128),interpolation=cv2.INTER_CUBIC) #expand the image shape x=np.expand_dims(res,axis=0) [] pred=model.predict(x) 1/1 [===================================

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		Score	Detected -
		(Only Yolo	
		Projects)	Confidence
			Score -