# Project Development Phase Model Performance Test

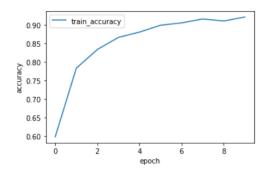
Date	10 November 2022	
Team ID	PNT2022TMID52715	
Project Name	Project - Fertilizers Recommendation	
	System For Disease Prediction	
Maximum Marks	10 Marks	

# **Model Performance Testing:**

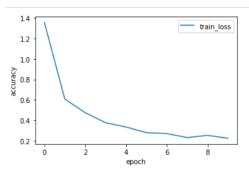
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Model: "sequential" Layer (type) conv2d (Conv2D) (None, 126, 126, 32) 896 max_pooling2d (MaxPooling2D) (None, 63, 63, 32) 0 flatten (Flatten) (None, 127008) 0 Total params: 896 Trainable params: 896 Non-trainable params: 0	10   12   made_inspectifit()
2.	Accuracy	Training Accuracy - 91 %  Validation Accuracy - 86 %	20   20   20   20   20   20   20   20
3.	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	
4	Precision and Recall	Precision – 0.95 Recall – 0.94 F1 Score	10

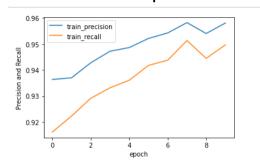
## **Accuracy Graph:**



#### **Loss Graph:**



### **Precision and Recall Graph:**



## F1 Score, Precision and Recall Value

INFO:tensorflow:Assets written to: VegModel\ass

```
In [2]: F1score = (2*0.9581*0.94) / (0.9581 + 0.94) print("The F1 Score is ", F1score)

The F1 Score is 0.9489637005426479
```