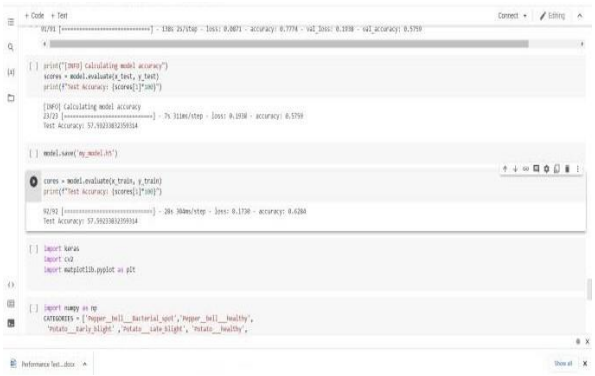
Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID13366
Project Name	Fertilizer 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.summary()** **Model: "sequential"** **Layer(type) Output Shape Param #** conv2d (Conv2D) (None, 100, 100, 32) 896 activation (Activation) (None, 100, 100, 32) 0 batch_normalization (BatchNormalization) (None, 100, 100, 32) 128 max_pooling2d (MaxPooling2D) (None, 33, 33, 32) 0 dropout (Dropout) (None, 33, 33, 32) 0 conv2d_1 (Conv2D) (None, 33, 33, 64) 18496 activation_1 (Activation) (None, 33, 33, 64) 0 batch_normalization_1 (BatchNormalization) (None, 33, 33, 64) 256	

2.	Accuracy	**Training Accuracy :**
		`cores = model.evaluate(x_train, y_train)`
		`print(f"Test Accuracy: {scores[1]*100}")`
		`Test Accuracy: 68.53625178337097`
		
		Validation Accuracy :
		`cores = model.evaluate(x_train, y_train)`
		`print(f"Test Accuracy: {scores[1]*100}")`
		`Test Accuracy: 68.53625178337097`
			

3	Confidence Score (Only Yolo Projects)	Class Detected - Confidence Score -	