## Project Development Phase Model Performance Test

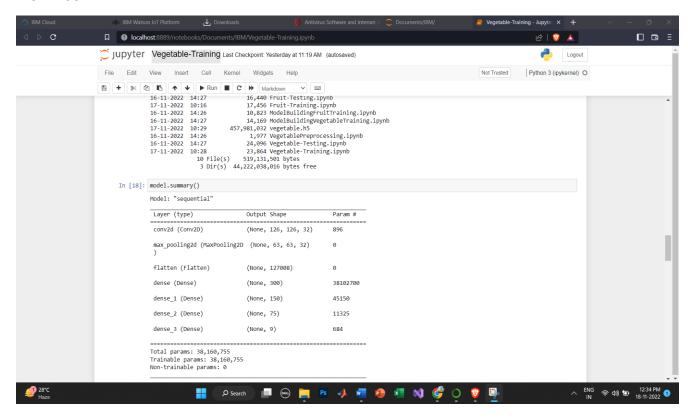
Date	10 November 2022	
Team ID	PNT2022TMID08602	
Project Name	Fertilizer Recommendation System For Disease	
	Prediction	
Maximum Marks	10 Marks	

## **Model Performance Testing:**

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

S.No.	Parameter	Values	Screenshot
Trainable params: 38,1	Model Summary	Total params: 38,160,755	In [18]: model.summary() Model: "sequential"
	Non-Trainable params: 0	Layer (type) Output Shape Param #	
		conv2d (Conv2D) (None, 126, 126, 32) 896	
		max_pooling2d (MaxPooling2D (None, 63, 63, 32) 0	
		flatten (Flatten) (None, 127008) 0	
		dense (Dense) (None, 300) 38102700	
		dense_1 (Dense) (None, 150) 45150	
		dense_2 (Dense) (None, 75) 11325	
		dense_3 (Dense) (None, 9) 684	
		Total params: 38,160,755 Trainable params: 38,160,755 Non-trainable params: 0	
2. Accuracy	Accuracy	Training Accuracy – 97.55	Fit the Model
		Validation Accuracy – 96.45	In [20]: model.fit generator(x train, steps per_epoch=160, validation_data=x test, validation_steps=52,epochs=3)
		,	C:\Users\ADU\Apptata\Loca\\Templipykernel_1384\l28899211.py:1:\Userkarning: 'Model.fit_generator' is deprecated and will be removed in a future version. Please use Model.fit', which supports generators.  model.fit_generator(x\train,steps.ger_epoch=168,validation\data-x\test,validation\steps=52,epochs=3)
			Epoch 1/3  160/165 [
			Out[20]: kkeras.callbacks.History at BocksAHf80

## **MODEL SUMMARY:**



## **ACCURACY**:

