## Project Development Phase Model Performance Test

Date	10 November 2022	
Team ID	PNT2022TMID30391	
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	Fruit : Fruit :			
		Convolutional Layer - 896	Model: "sequential"		
		Max Pooling Layer - 0	Layer (type)	Output Shape	Param #
		Fatten Layer - 0	conv2d (Conv2D)	(None, 126, 126, 32)	896
		Dense Layer - 38102700	<pre>max_pooling2d (MaxPooling2D )</pre>	(None, 63, 63, 32)	0
		1	flatten (Flatten)	(None, 127008)	0
		Dense 1 - 45150	dense (Dense)	(None, 300)	38102700
		Dense 2 - 906	dense_1 (Dense)	(None, 150)	45150
			dense_2 (Dense)	(None, 6)	906
	Con		Total params: 38,149,652 Trainable params: 38,149,652 Non-trainable params: 0		
		Vegetable :	Vegetable :		
		Convolutional Layer - 896	Model: "sequential"		
		Max Pooling Layer - 0	Layer (type)	Output Shape	Param #
			conv2d (Conv2D)	(None, 126, 126, 32)	896
		Convolutional Layer 2 - 9248	max_pooling2d (MaxPooling2D )	(None, 63, 63, 32)	0
		Max Pooling Layer 2 - 0	conv2d_1 (Conv2D)	(None, 61, 61, 32)	9248
		Fatten Layer - 0	<pre>max_pooling2d_1 (MaxPooling 2D)</pre>	(None, 30, 30, 32)	0
		1	flatten (Flatten)	(None, 28800)	Ø
		Dense Layer - 8640300	dense (Dense)	(None, 300)	8640300
		Dense 1 - 45150	dense_1 (Dense)	(None, 150)	45150
		Dense 2 - 1359	dense_2 (Dense)	(None, 9)	1359
			Total params: 8,696,953 Trainable params: 8,696,953 Non-trainable params: 0		

