Project Development Phase Model Performance Test

Date	27 June 2025	
Team ID	LTVIP2025TMID41476	
Project Name	Smart Sorting: Transfer Learning for	
	identifying rotten fruits and vegetables	
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.	Metrics	Classification Model: Confusion Matrix Accuray Score- 83 Classification Report – Accuracy-83 Precision-85 Recall-83 F1 Score-83	Confision Natrix: [[12] 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 2 1 0 0 1 0 0 0 0

2.	Tune the Model	Hyperparameter Tuning -□	specials in an arrival of the second of the second of the second in the second of the
		Learning Rate: 1e-5 (during	series on series on series and series of the series of the series of the series and series and series of the series series of the series of
		fine-tuning)	
		Epochs: 10 (fine-tuning), with	MOTION MAIN INCOME ARRANGE PITTO SALE RAME AND ALLIEST ALBERT ALLIEST AND ALLI
		EarlyStopping enabled	
		EarlyStopping = True	
		Validation Method -Validation	
		split with ImageDataGenerator	