

Project Development Phase
Model Performance Test

Date	10 February 2026
Team ID	LTVIP2026TMIDS52600
Project Name	Introduction to Smart Sorting – Transfer Learning for Identifying Rotten Fruits and Vegetables
Maximum Marks	

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-Transfer Learning model using pre-trained CNN (MobileNetV2/ResNet50). Input Size: 224x224x3 Classes: Fresh, Rotten Optimizer: Adam Loss: Binary Crossentropy	
2.	Accuracy	Training Accuracy - 94.8% Validation Accuracy -92.3%	
3.	Fine Tuning Result(if Done)	Validation Accuracy -95.6%	