

## Project Development Phase Model Performance Test

Team ID	LTVIP2025TMID38189
Project Name	smart sorting: transfer learning for identifying rotten fruits and vegetables
Maximum Marks	

### Model Performance Testing:

S.No.	Parameter	Values
1.	Model Summary	Pretrained Model: <b>MobileNetV2</b> Input size:224x224 Layers:155 Trainable Params:2.2 million Non-trainable Params:1.4 million
2.	Accuracy	Training Accuracy – <b>98.6%</b>  Validation Accuracy - <b>96.3%</b>
3.	Fine Tunning Result( if Done)	Validation Accuracy - <b>97.5%</b> after unfreezing last 50 layers and retraining with reduced learning rate.

