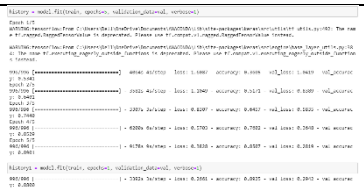
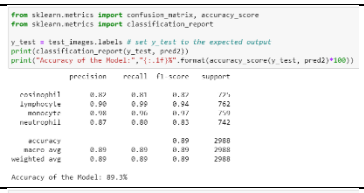
Project Development Phase
Model Performance Test

Date	19 January 2026
Team ID	LTVIP2026TMIDS83701
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.	Model Summary	Model: MobileNetV2 (Transfer Learning) with an added Dense layer. Total parameters: 2,586,948. Trainable parameters: 328,964. Non-trainable parameters: 2,257,984.	
2.	Accuracy	Training Accuracy – 0.89.3 (from Epoch 12/15) Validation Accuracy - 0.81462 (from Epoch 12/15)	
3.	Fine Tunning Result(if Done)	Validation Accuracy - Fine-tuning of the pre-trained MobileNetV2 base model was not performed. Only the newly added dense layer was trained.