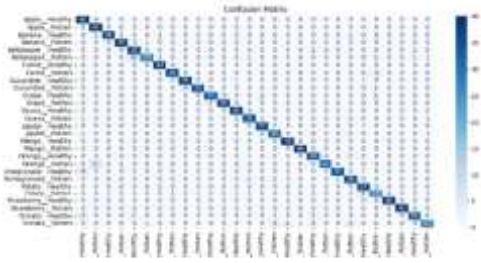


Project Development Phase
Model Performance Test

Date	30 June 2025
Team ID	LTVIP2025TMID35313
Project Name	Pattern Sense: Classifying Fabric Patterns using Deep Learning
Maximum Marks	10 Marks

Model Performance Test ng:

S.No.	Parameter	Values	Screenshot
1.	Metrics	Classification Model: Confusion Matrix - , Accuracy Score- & Classification Report -	<p>Confusion Matrix</p>  <p>Classification Report</p> <pre>precision recall f1-score support Apple_healthy 0.82 1.00 0.90 40 Apple_rotten 0.83 1.00 0.91 40 Banana_healthy 0.97 0.90 0.94 40 Banana_rotten 0.95 0.97 0.96 40 Bellpepper_healthy 0.83 0.95 0.88 40 Bellpepper_rotten 0.93 0.72 0.81 40 Carrot_healthy 0.93 1.00 0.95 40 Carrot_rotten 0.97 0.88 0.92 40 Cucumber_healthy 0.90 0.95 0.93 40 Cucumber_rotten 0.97 0.88 0.93 40 Grape_healthy 0.94 0.85 0.89 40 Grape_rotten 0.83 0.95 0.94 40 Guava_healthy 0.95 1.00 0.98 40 Guava_rotten 0.88 0.88 0.88 40 Lemon_healthy 0.88 0.93 0.90 40 Lemon_rotten 0.78 0.78 0.78 40 Mango_healthy 0.95 1.00 0.98 40 Mango_rotten 0.98 1.00 0.99 40 Orange_healthy 0.79 0.82 0.80 40 Orange_rotten 1.00 0.90 0.95 40 Pomegranate_healthy 0.97 0.88 0.92 40 Pomegranate_rotten 0.78 0.90 0.84 40 Potato_healthy 0.79 0.93 0.85 40 Potato_rotten 0.76 0.78 0.77 40 Strawberry_healthy 1.00 1.00 1.00 40 Strawberry_rotten 1.00 1.00 1.00 40 Tomato_healthy 0.94 0.80 0.86 40 Tomato_rotten 0.87 0.88 0.79 40 accuracy 0.90 0.90 0.90 1120 macro_avg 0.90 0.90 0.90 1120 weighted_avg 0.90 0.90 0.90 1120 PS D:\SA\smart_sorting></pre>