## **Project Development Phase Model Performance Test**

Date	27 June 2025
Team ID	LTVIP2025TMID59876
Project Name	Pattern Sense: Classifying Fabric Patterns using Deep Learning
Maximum Marks	10 Marks

## **Model Performance Testing:**

S.No.	Parameter	Values	Screenshot
1.	Metrics	Classification Model: Confusion Matrix - , Accuray Score- & Classification Report -	Confusion Matrix  Confusion Ma
			Apple_Healthy 0.82 1.00 0.90 40 Apple_Rotten 0.83 1.00 0.91 40 Banana_Rotten 0.95 0.97 0.96 0.44 40 Banana_Rotten 0.95 0.97 0.96 0.44 40 Bellpepper_Healthy 0.83 0.95 0.88 40 Bellpepper_Rotten 0.91 0.72 0.81 40 Carrot_Rotten 0.97 0.88 0.92 40 Carrot_Rotten 0.97 0.88 0.92 40 Cucumber_Rotten 0.97 0.88 0.92 40 Cucumber_Rotten 0.97 0.88 0.92 40 Grape_Healthy 0.90 0.95 0.93 40 Grape_Rotten 0.93 0.95 0.84 40 Grape_Rotten 0.93 0.95 0.84 40 Grape_Rotten 0.93 0.95 0.94 40 Grape_Rotten 0.98 0.89 0.94 40 Grape_Rotten 0.98 0.89 0.94 40 Grape_Rotten 0.98 0.95 0.94 40 Grape_Rotten 0.98 0.95 0.94 40 Grape_Rotten 0.98 0.98 0.98 40 Grape_Rotten 0.98 0.99 0.94 40 Grape_Rotten 0.98 0.99 0.94 40 Grape_Rotten 0.98 0.99 0.90 40 Dujube_Healthy 0.95 1.00 0.98 40 Dujube_Rotten 0.78 0.78 40 Mango_Rotten 0.98 1.00 0.99 40 Orange_Healthy 0.95 1.00 0.98 40 Orange_Rotten 0.98 1.00 0.99 40 Orange_Rotten 0.98 1.00 0.99 40 Orange_Rotten 0.98 1.00 0.99 40 Orange_Rotten 1.00 0.80 0.99 40 Pomegranate_Rotten 1.00 0.80 0.99 40 Pomegranate_Rotten 1.00 0.90 0.90 1.90 Potato_Rotten 0.78 0.90 0.94 40 Strawberry_Rotten 1.00 1.00 1.00 40 Tomato_Rotten 0.87 0.68 0.76 40  accuracy macro avg 0.90 0.90 0.90 1120 weighted avg 0.90 0.90 0.90 1120 weighted avg 0.90 0.90 0.90 1120