Project Development Phase Model Performance Test

Date	1 July 2025
Team ID	LTVIP2025TMID42218
Project Name	Pattern Sense: Classifying Fabric Patterns using Deep Learning
Maximum Marks	10 Marks

Model Performance Testing:

.No.	Parameter	Values	Screenshot
1.	Metrics	Classification Model:	Confusion Matrix
		Confusion Matrix - , Accuray	
			Conflusion Matrix Apple Meatry = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		Score- & Classification	State
		Report -	Carrell, Meller, 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 0 0 0
			Orage_Retten 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
			folder feater 0 0 0 0 0 0 0 0 0
			Change (Miller) 0 3/0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
			Protect, Potter 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1
			in the control of the
			美介亚马里布里布里布里布里布里布里布里布里布里布里布里布
			Classification Report

			2403 H0783/3CCP
			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
			Carrot Healthy 0.91 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
			Grape_Rotten 0.93 0.95 0.94 40
			Guava_Rotten 0.88 0.88 0.88 40
			Jujube_Healthy 0.88 0.93 0.90 40 Jujube_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 0.80 0.89 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 0.79 0.73 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 0.68 0.76 40
			accuracy 0.90 1120
			macro avg 0.90 0.90 0.99 1120 weighted avg 0.90 0.90 0.90 1120
			PS D:\S26\smart sorting>
			13 bt (320 talkar C_30) Culg/
		I .	1