Project Development Phase Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID59821
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 133/133 315 151ms/step - accuracy: 0.8008 - loss: 0.6740 Final Accuracy on full dataset: 83.40% Confusion Matrix										
		Confusion Matrix -, Accuracy											
		Score- & Classification											
		Report -	animal - 4	15 3		1 1	3	4	1	0 8		- 70	
		Переге	animai	3		1 1	3	4	1	0 8		/0	
			cartoon -	1 26	3	7 4	6	2	0	0 3		- 60	
			floral - 2	2 15	52	2 7	1	1	1	1 17			
			geometry -	3 9	5 1	.7 2	2	8	7	5 9		- 50	
			ikat - 4	4 7	7	5 22	2	3	2	2 17		- 40	
			Light - 4 Japen - 2	2 3	2	9 1	73	3	2	1 3			
				2 3	2	5 1	3	71	11	0 1		- 30	
				0 0	1	5 0	6	4	64	4 3		- 20	
				2 0		4 1	9	0		3 6			
			3.1.1933									10	
				4 9	5	7 8	5	1		2 55		\perp_{o}	
			shifted detool Bord Berneri Next Han Dolla de Hate Richer High										
			Predicted label										
			Classification Report										
			Classificati	on Rep	ort:								
				prec	ision	re	call	f1-	score	su	pport	:	
			animal		0.69		0.64		0.67		70	,	
			cartoon		0.35		0.50		0.41		52		
			floral		0.63		0.53 0.25		0.57		99		
			geometry ikat		0.27 0.47		0.25 0.31		0.26 0.37		67 71		
			plain		0.66		0.74		0.70		99		
			polka dot		0.73		0.72		0.72		99		
			squares		0.68		0.74		0.71		87		
			stripes tribal		0.83 0.45		0.73 0.56		0.78 0.50		100 99		
			accuracy						0.59		843		
			macro avg weighted avg		0.58 0.60		0.57 0.59		0.57 0.59		843 843		