Project Development Phase Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID59828
Project Name	Pattern Sense: Classifying Fabric Patterns
	using Deep Learning
Maximum Marks	10 Marks

Model Performance Testing:

S.No	Paramete	Values	Screenshot													
1.	r Metrics	Classification Model:	Confusion Matrix													
1.	Metrics		ls 151	lms/st	ep -	accura	acy: (ə.800	8 - los:	s: 0.6740						
		Confusion Matrix -, Accuracy Score- & Classification Papert	☑ Final Accuracy on full dataset: 83.40%													
								Con	fusio	n Ma	atrix				_	
		Classification Report -		animal -	45	3	4	1	1	3	4	1	0	8	- 70	
				cartoon -	1	26	3	7	4	6	2	0	0	3	- 60	
				floral -	2	15	52	2	7	1	1	1	1	17		
			,	geometry -	3	9	5	17	2	2	8	7	5	9	- 50	
			abel	ikat -	4	7	7	5	22	2	3	2	2	17	- 40	
			True label	plain -	2	3	2	9	1	73	3	2	1	3	20	
			l '	polka dot -	2	3	2	5	1	3	71	11	0	1	- 30	
				squares -	0	0	1	5	0	6	4	64	4	3	- 20	
				stripes -	2	0	2	4	1	9	0	3	73	6	- 10	
				tribal -	4	9	5	7	8	5	1	3	2	55		
					L	, ,	-		- x			٠,-			\Box ₀	
			Williag Wicory Bould Berlier, Aug. Hair Bolts of Tribes, Atha													
			Predicted label													
			Classification Report													
			Classification Report:													
						prec	isio	n	rec	all	f1-	-scoi	re	supp	ort	
				anima			0.6			.64		0.0			70	
				carto flora			0.30.6).50).53		0.4 0.!			52 99	
				geomet	ry		0.2	7	0	.25		0.3	26		67	
				ika pla:			0.40.6).31).74		0. 0.			71 99	
				polka de			0.7).72		0.			99	
				squar	es		0.6	8	0	.74		0.	71		87	
				strip	-		0.8			.73		0.			100	
				trib	аI		0.4	5	0).56		0.	50		99	
				accura								0.			843	
				macro a			0.5			.57		0.			843	
			we:	ighted a	νg		0.6	0).59		0.	J 7		843	