Project Development Phase Model Performance Test

Date	25 November 2022
Team ID	PNT2022TMID47895
Project Name	Project - A Novel Method For Handwritten Digit Recognition System.
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary		Model: "sequential" Layer (type) Output Shape Param #
2.	Accuracy	Training Accuracy - 99% Validation Accuracy - 97%	0.25 0.20 0.15 0.10 0.05 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 0.99 0.98 0.97 0.96 0.95 0.0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0

3.	Confusion Matrix		Confusion matrix											
] .	Comasion Waterx		0 -	968	1	2	0	0	1	4	0	3	1	
			1 -	1	1124	3	1	0	3	2	0	1	0	- 1000
			2 -	2	6	1011	0	2	0	2	6	3	0	- 800
			3 -	0	0	6	982	0	13	0	3	2	4	800
			True label	1	0	2	0	957	0	3	1	1	17	- 600
			- 5 Ine	1	0	0	3	0	881	4	0	2	1	
			6 -	7	3	0	0	3	6	938	0	1	0	- 400
			7 -	0	5	16	2	3	1	0	994	0	7	200
			8 -	7	1	4	1	1	3	3	5	943	6	- 200
			9 -	4	6	2	2	8	9	0	7		967	
				0	7	2	ۍ Pr	ь edict∈	ら ed lab	6 el	1	8	9	
4.	Classification Report					pr	ecisi	on	re	call	f1-	score	sup	port
			9		0 0.98 0.9		0.99		0.98		980			
						0.			0.99		0.99		1135 1032 1010 982 892 958	
			2 3 4 5 6			0. 0.	97 99		0.98 0.97		0.97 0.98			
						0.			0.97		0.98			
							96		0.99		0.97			
						0.			0.98		0.98			
					7			98		0.97		0.97		1028
					8 9			98 96		0.97 0.96		0.98		974 1009
					-		٠.	20		0.50		0.50		1005
			accuracy macro avg		су						0.98	1	0000	
							98		0.98		0.98		0000	
			wei	ghte	d avg		0.	98	9	0.98		0.98	1	0000