Project Development Phase Model Performance Test

Date	16 November 2022
Team ID	PNT2022TMID15720
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)								
2.	Accuracy	Training Accuracy - 99% Validation Accuracy - 97%	0.25								

3.	Confusion Matrix		Confusion matrix												
			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		
			3 -	0	0	6	982	0	13	0	3	2	4	- 800	
			- p q	1	0	2	0	957	0	3	1	1	17	- 600	
			True label	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		
			8 -	7	1	4	1	1	3	3	5	943	6	- 200	
			9 -	4	6	2	2	8	9	0	7	4	967		
				-0	- -	<u>ν</u>	3	<u> </u>	5	6	1	φ	9	□ ₀	
					,	•			ed lab		·				
4.	Classification Report					pre	cisi	on	rec	all	f1-s	core	sup	port	
			1			0.9	98	e	.99		0.98		980		
					0.9			.99		0.99		1135			
			2		0.9 0.9			9.98		0.97 0.98		1032 1010			
			3 4			0.			.97		0.98		982		
							0.			.99		0.97		892	
					6		0.9	98	e	.98		0.98		958	
							0.9	98	е	.97		0.97		1028	
					8		0.9			.97		0.98		974	
					9		0.9	96	e	.96		0.96		1009	
			accuracy macro avg								0.98	1	.0000		
						0.9	98	e	.98		0.98	1	.0000		
			weig	ghte	d avg		0.9	98	e	.98		0.98	1	.0000	