## Project Development Phase Performance Test

Date	15 November 2022
Team ID	PNT2022TMID09973
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 the 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										

3.	Confusion Matrix	Confusion matrix												
		0 -	968	1	2	0	0	1	4	0	3	1		
		1-	1	112	4 3	1	0	3	2	0	1	0		- 1000
		2 -	2	6	101	0	2	0	2	6	3	0		
		3 -	0	0	6	982	0	13	0	3	2	4		- 800
		- 4 -	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	<b>^</b>	ν	っ P	k redict	ဗ် ed lab	6 iel	1	8	9		⊥ 0
4.	Classification Report				pr	ecisi	on	rec	all	f1-9	core	sup	port	
	'													
					0 1	0. 0.			9.99 9.99		0.98 0.99		986 1135	
		1 2			ø.			.98		0.97				
					3	0.	99	e	.97		0.98		1016	,
					4	0.			.97		0.98		982	
						0.			.99		0.97		892	
					6 7	0. 0.			9.98		<ul><li>0.98</li><li>0.97</li></ul>		958 1028	
					, 8	ø.			.97		0.98		974	
					9	0.			.96		0.96		1009	
			acc	urac	у						0.98	1	.0006	,
		macro avg			0.	98	e	.98		0.98	10000			
		wei	ghte	d av	g	0.	98	e	.98		0.98	1	.0006	)
1		l												