Project Development Phase Model Performance Test

Date	16 November 2022
Team ID	PNT2022TMID26041
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"								
				tput Shape Param #							
			A CONTRACT OF THE CONTRACT OF	one, 26, 26, 64) 640							
			conv2d_1 (Conv2D) (No	one, 24, 24, 32) 18464							
			flatten (Flatten) (No	one, 18432) 0							
			dense (Dense) (No	one, 10) 184330							
			Total params: 203,434 Trainable params: 203,434 Non-trainable params: 0 None								
2.	Accuracy	Training Accuracy - 99% Validation Accuracy - 97%	0.25 0.20 0.15 0.10 0.00 0.05 0.99 0.98 0.97 0.96 0.95 0.00 0.5 1.0 1.5	Training accuracy Validation accuracy 2.0 2.5 3.0 3.5 4.0 Training accuracy Validation accuracy							

3.	Confusion Matrix	sion Matrix Confusion matrix												
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			2 -	2	6	1011	0	2	0	2	6	3	0	
			3 -	0	0	6	982	0	13	0	3	2	4	- 800
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			e	1	0	0	3	0	881	4	0	2	1	- 600
				7	3	0	0	3	6	938		1	0	- 400
			6 -	0	5		2	3	1	0	994		7	400
			7 -			16								- 200
			8 -	7	1	4	1	1	3	3	5	943		
			9 -	4	6	2	2	8	9	0	7	4	967	\square_{\circ}
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					3		0.9			.97		0.98		1010
					4		0.9			.97		0.98		982
					5		0.9			.99		0.97		892
					6 7		0.9 0.9			.98 .97		0.980.97		958
					8		0.9).97).97		0.98		1028 974
					9		0.9			.96		0.96		1009
					accuracy						0.98			
			macro avg weighted avg						.98				0000	
			weig	nted	a avg		0.9	98	9	.98		0.98	- 1	0000