Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID01486
Project Name	Project - SMART-LENDER
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot				
1.	Model Summary	-	Accuracy: 0.7804878048780488 Precision: 0.7572815533980582 Recall: 0.975 F1 Score: 0.8524590163934427 Cohens Kappa Score: 0.4491623818211975 Area Under Curve: 0.7329941860465116 Confusion Matrix: [[18 25] [2 78]]				
2.	Accuracy	Training Accuracy - 85 % Validation Accuracy -79 %	**** Random Forest Classifier **** Confusion Matrix [[18 25] [2 78]] Classification Report precision recall f1-score support				
			0 1	0.90 0.76	0.42 0.97	0.57 0.85	43 80
			1	0.70	0.97		
			accuracy	0.03	0.70	0.78	123
			macro avg weighted avg	0.83 0.81	0.70 0.78	0.71 0.75	123 123