Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID01657
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 0.90 0.42 0.57 43 1 0.76 0.97 0.85 80 accuracy 0.78 123 macro avg 0.83 0.70 0.71 123 weighted avg 0.81 0.78 0.75 123