Project Development Phase Model Performance Test

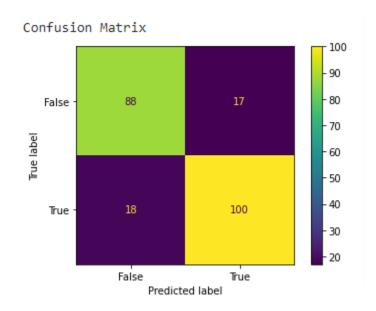
Date	10 November 2022
Team ID	PNT2022TMID21753
Project Name	Smart Lender - Applicant Credibility Prediction
	for Loan Approval
Maximum Marks	10 Marks

Model Performance Testing:

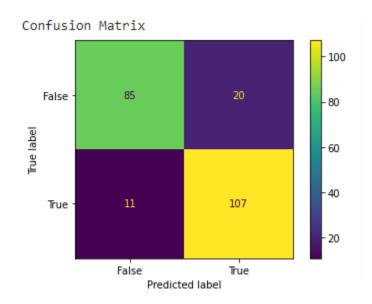
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	
1.	Metrics	Classification Model: Decision Tree Accuracy Score - 84%	
		Classification Report precision recall f1-score support 0 0.83 0.84 0.83 105 1 0.85 0.85 0.85 118	
2.		Classification Model: Random Forest Accuracy Score - 84%	
		Classification Report precision recall f1-score support 0 0.89 0.81 0.85 105 1 0.84 0.91 0.87 118	
3.		Classification Model: KNN Accuracy Score - 78%	
		Classification Report precision recall f1-score support 0 0.82 0.70 0.76 105 1 0.77 0.86 0.81 118	
4.		Classification Model: XGBoost Accuracy Score - 85%	
		Classification Report precision recall f1-score support 0 0.90 0.77 0.83 105 1 0.82 0.92 0.87 118	

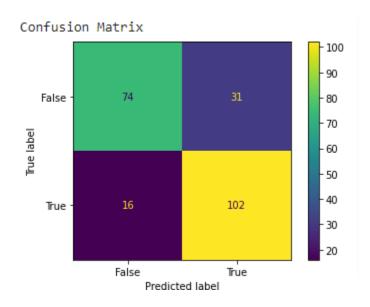
DECISION TREE CLASSIFIER



RANDOM FOREST CLASSIFIER



KNN



XG BOOST

