## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID26382
Project Name	Project – Statistical Machine learning approaches to Liver disease prediction
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.	Metrics	Classification Model:	Attached below
		Confusion Matrix, Accuracy Score- & Classification	
		Report – Accuracy score- 76%	
2.	Tune the Model	Hyperparameter Tuning – GridSearchCV	Attached below
		Validation Method – GridSearchCV, XGBClassifier	
		Accuracy score- 77.97%	

## **Screenshots:**

Out[24]: RandomForestClassifier(n\_estimators=20)