## Project Development Phase Model Performance Test

Date	27 June 2025	
Team ID	LTVIP2025TMID38893	
Project Name	Revolutionizing Liver Care : Predicting Liver	
	Cirrhosis Using Adavanced Machine Learning	
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	Regression Model: MAE – 1.25 MSE – 2.76 RMSE – 1.66 R2 score -0.81	Description of the Markenster   # review and from the Andrew man.  # review and from the Andrew man.  # which first practice and non- man and first practice and non- pract (marked break practice), which covered, tracks, practice)  # review practice man the non-  # man practice man practice man practice plants, participally  # man practice plants man practice plants plant
		Classification Model: Confusion Matrix – [[45,5],[8,32]] Accuray Score- 86.7% Classification Report -Include precision, recall, F1-score	DODOTO REMINISTRATO O PROPERTY OF THE PROPERTY
2.	Tune the Model	Hyperparameter Tuning - GridSearchCV used to tune n_estimators and max_depth	The advance and the the Assessment School of the Control of the Co
		Validation Method - Stratified K-Fold Cross-Validation (K=5)	from shlearn.model.selection import orials-archev from shlearn.modelse import Randomforcetclessifier a befine convenee grid paramageis (