Project Development Phase Model Performance Test

Date	21 June 2025	
Team ID	LTVIP2025TMID60884	
Project Name	Revolutionizing Liver care: Predicting Liver Cirrhosis using Advanced machine learning Techniques.	
Maximum Marks		

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Machine learning pipeline implemented for liver cirrhosis prediction, integrating advanced data preprocessing, feature engineering, and model training using medical history and lab test data. Records are validated and imported; mismatches trigger error logs to ensure data integrity.	Introduction for John State of Control
2.	Accuracy	Training Accuracy: 98% Validation Accuracy: 98%	Excellent, AUC=0.95 0.4 Excellent, AUC=0.95 Good, AUC=0.88 Poor, AUC=0.75 Chance, AUC=0.50 0.0 0.2 0.4 0.6 0.8 1.0 False positive rate
3.	Confidence Score (Only Yolo Projects)	(Only for YOLO or Object Detection Models) Class Detected: Liver anomalies and predictive indicators (e.g., bilirubin, ALT, AST). Confidence Score: Model is 92% confident in identifying relevant features or conditions correctly	LIVER PATIENT PREDICTION SYSTEM INTO INTO A PRINCIPATION ORGAN ASSISTANCE The low is repeatable for searching and register berto in the binderson word in noticing his. The main's the low's year ground. The low consenses used uses the couples of tenderson from the first bright word in behalf of the couples of the coupl