

Project Planning Phase

Date	27-06-2025
Team ID	LTVIP2025TMID42872
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis using Advanced Machine Learning Techniques
Maximum Marks	5 Marks

Phase	Tasks	Start Date	End Date	Responsible	Status
Problem Definition	Define problem statement, identify goals, stakeholders	Day 1	Day 2	Team Lead / You	Completed
Data Collection	Collect dataset, clean and understand columns	Day 2	Day 3	Data Analyst	Completed
Preprocessing	Handle missing values, normalize/scale, encode categorical features	Day 3	Day 4	ML Developer	Completed
Exploratory Data Analysis	Visualize data, check feature relationships, identify patterns	Day 4	Day 5	Data Analyst	Completed
Model Building	Train machine learning models (Random Forest, XGBoost), evaluate results	Day 5	Day 6	ML Developer	Completed
Model Evaluation	Compare models using accuracy, precision, recall, ROC curve	Day 6	Day 6	ML Developer	Completed
Deployment	Build Flask app, connect with model, test predictions	Day 6	Day 7	Web Developer	Completed
Frontend Design	Create input form using HTML and Bootstrap	Day 6	Day 7	Web Developer	Completed
Testing	Validate predictions with sample inputs, handle errors	Day 7	Day 8	All Team Members	In Progress
Documentation	Prepare report, presentation, architecture, and user analysis	Day 8	Day 9	Team Lead / You	In Progress
Submission	Submit project files and presentation	Day 9	Day 10	You	completed