

### Initial Project Planning Template

Date	16th June 2024
Team ID	LTVIP2025TMID33140
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques.

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection and Preprocessing	Understanding & loading data, Data cleaning, Exploratory Data Analysis (EDA)	High	1.Manasa Ireddy 2.Jalluri Niharika 3.Bandaru Navya Geetha Lakshmi 4.Satya Anusha Sivakoti	16th June 2025	17th June 2025
Sprint-1	Feature Engineering	Handling missing values and encoding categorical variables, Engineering features	High	1.Manasa Ireddy 2.Jalluri Niharika 3.Bandaru Navya Geetha Lakshmi 4.Satya Anusha Sivakoti	17th June 2025	19th June 2025
Sprint-1	Model Development	Training the machine learning model, Evaluating the model	High	1.Manasa Ireddy 2.Jalluri Niharika 3.Bandaru Navya Geetha Lakshmi 4.Satya Anusha Sivakoti	20th June 2025	23th June 2025
Sprint-1	Model Deployment	Creating a Flask app to deploy the model, Developing the front-end using HTML, CSS, and JS	High	1.Manasa Ireddy 2.Jalluri Niharika 3.Bandaru Navya Geetha Lakshmi 4.Satya Anusha Sivakoti	24th June 2025	29th June 2025

Sprint-1	Testing, Validation, and Final Deployment	Testing the application, validating model predictions, Deploying on a cloud platform, Final testing	High	1.Manasa Ireddy 2.Jalluri Niharika 3.Bandaru Navya Geetha Lakshmi 4.Satya Anusha Sivakoti	29th june 2025	1st July 2025
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