

Requirement Analysis

Solution Requirements

Date	29-06-2025
Team ID	LTVIP2025TMID39531
-Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis using Advanced Machine Learning Techniques
Maximum Marks	10 Marks

Solution Requirements - Liver Cirrhosis Prediction System

1. System Capabilities:

- Accepts patient test data -

Predicts likelihood of liver cirrhosis

2. Stakeholders:

- Doctors, medical technicians, hospital IT staff

3. Business Goals:

- Improve early detection rates

- Reduce diagnostic errors

4. Functional Requirements:

- Multi-case input

- Accurate prediction output

5. Non-functional Requirements:

- User-friendly interface
- Response time under 2 seconds