

Requirement Analysis

Technology Stack

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

Technology Stack - Liver Cirrhosis Prediction System

1. Programming Language:

- Python

2. Libraries:

- Pandas, NumPy for data handling
- Scikit-learn for ML model

3. Web Framework: - Flask for backend API

4. Frontend:

- HTML/CSS and Bootstrap for UI

5. Storage:

- Pickle for saving models (model.pkl, scaler.pkl)

6. Hosting: Can be hosted on local server or cloud