

Project Design Phase-II

Data Flow Diagram & User Stories

Date	26 June 2025
Team ID	LTVIP2025TMID60884
Project Name	Revolutionizing Liver Care: Predicting Liver cirrhosis using Advanced Machine Learning Techniques.
Maximum Marks	4 Marks

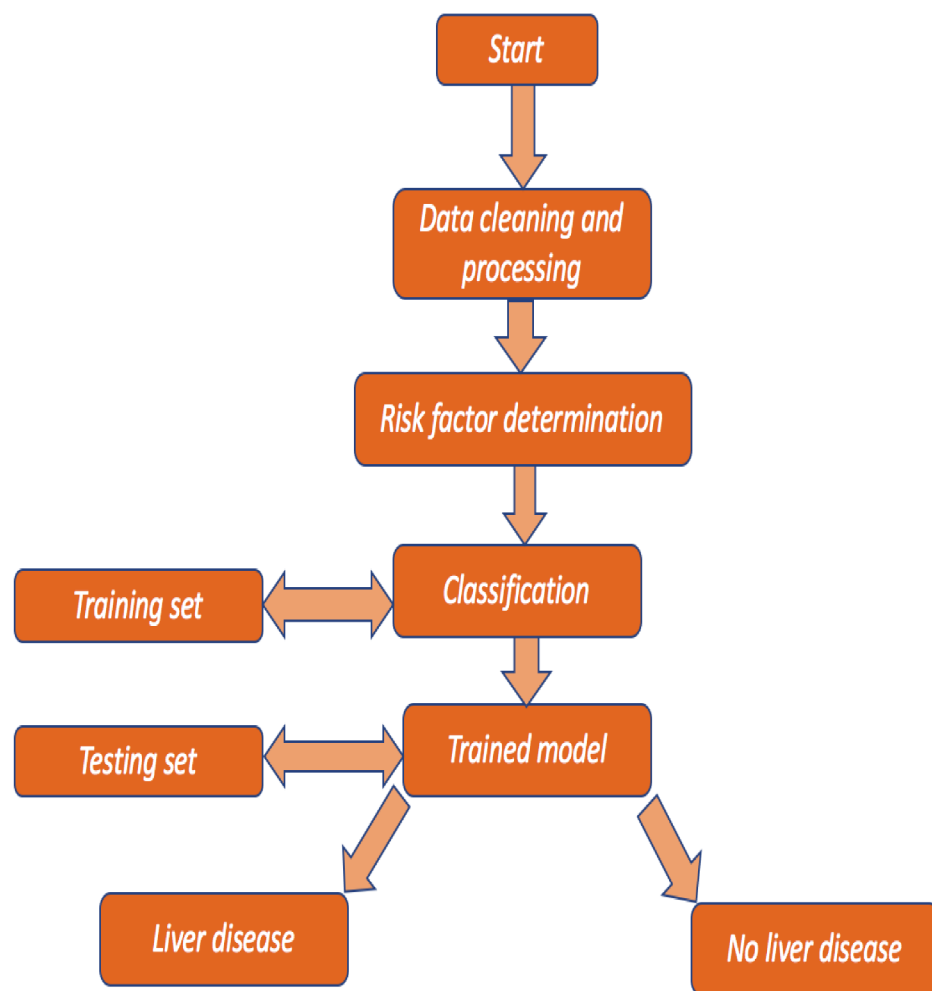
Data Flow Diagrams:

Revolutionizing Liver Care

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example:





User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Sprint
Patient (Mobile User)	Registration	US-1	As a patient, I can register by entering my name, email, password, and confirming it	User can register and login successfully	High	Sprint -1
Patient	Report submission	US-2	As a patient, I want to upload my liver function reports, so that the system can analyze them.	System accepts reports and confirms successful upload.	High	Sprint-1
Patient	AI prediction	US-3	As a patient, I want to view liver disease predictions based on my report, so I understand risks.	AI results are within second upload.	High	Sprint -2
Doctor	Review patient data	US-4	As a doctor, i want to see a patients test reports and system predictions to provide treatment.	Doctor Dashboard displays all nessessary details.	High	Sprint -2
Doctor	Send recommendations	US-5	As a doctor,I want to send recommendations to patients, so they get proper guidance.	Patient receives notification and sees updated status in their dashboard.	Medium	Sprint -3
Admin	Monitor system usage	US-6	As an admin, I want to monitor active users and system health for maintenance.	Admin panel displays real time metrics.	High	Sprint -4
Patient	Health tracking	US-7	As a patient, I want to track my liver health over time through charts and summaries.	Historical Data and trends visible in profile.	Medium	Sprint-3
Doctor	Add/Edit patient plan	US-8	As a doctor, I want to update the patient's treatment plan based on latest results	System allows you updatds to treatment records.	High	Sprint-3

