Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 June 2025
Team ID	LTVIP2025TMID59671
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Machine learning
Maximum Marks	4 Marks

Data Flow Diagrams:

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.
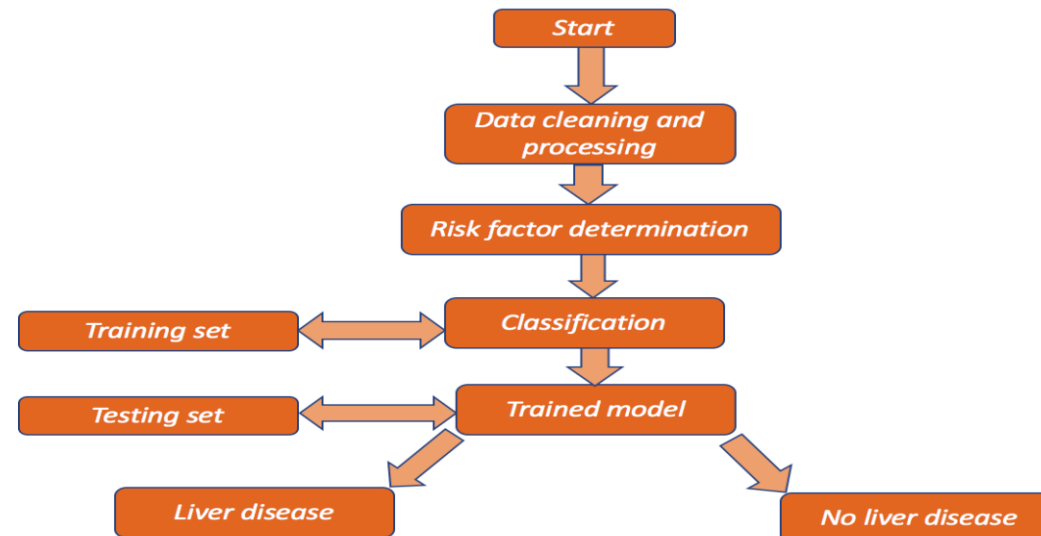
User Stories

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data collection	USN-1	Collected liver cirrhosis disease dataset	2	High	Tanam Manoj Reddy
Sprint-1	Data Preprocessing	USN-2	Preprocess clinical data (e.g., normalize Bilirubin, Age) for model training	1	High	Yasam Harsha Vardhan
Sprint-2	Model Development	USN-3	Train Random Forest model for cirrhosis prediction	2	Low	Yaragarla Durga Poojitha
Sprint-3	User Interface	USN-4	Develop Flask-based web inter face for data input	2	Medium	Vuppala Vaishnavi
Sprint-4	User Testing	USN-5	As a user , I can enter the input values through the application and application predicts the liver cirrhosis disease based upon the inputs provided by me.	1	High	Yargarla Durga Poojitha
Sprint-4	Dashboard	USN-6	Contains of multiple pages like Home,input,res.	2	High	Harsha