

## Project Design Phase-II

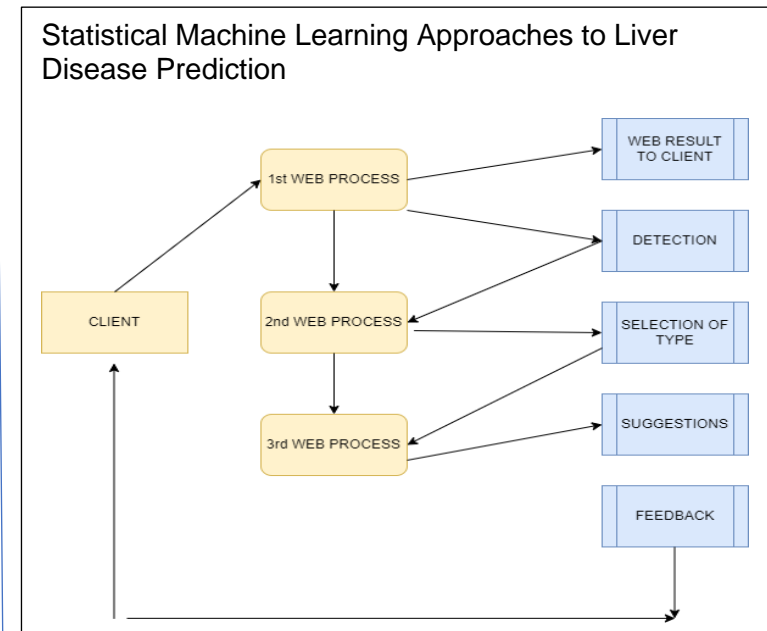
### Data Flow Diagram & User Stories

Date	04 November 2022
Team ID	PNT2022TMID12919
Project Name	Project - Statistical Machine Learning Approaches to Liver Disease Prediction
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.

1. The images of the potential symptoms are fed as input to the ML model.
2. Images of previously confirmed symptoms are fed as input to the ML model.
3. The images are then tested, and the model determines whether or not there are symptoms.
4. The results of the model are then compared with accurate medical diagnostics.
5. The error in the prediction is calculated and sent as feedback to the model.
6. The accuracy of the model increases over the course of time.



## 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	Release
Customer (Web user)	Login	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered	I can receive confirmation email	High	Sprint-1
	Dashboard	USN-3	As a user, I need to enter my details	I can get information pertaining to my details	High	Sprint-2
		USN-4	As a user, I need to provide my Test Details	I can get results based on my test details.	High	Sprint-1
Administator	Services	USN-5	As an admin, I need to provide valid result	I can get a result.	High	Sprint-1
		USN-6	As an admin I need to provide valid/useful Suggestions	I can get suggestions.	Medium	Sprint-1
	Mass Data Process	USN-7	As an admin need to collect all the details and information	I can use it on a later date.	High	Sprint-1
		USN-8	As an admin I need to store all the details and information	I can use it on a later date.	High	Sprint-1
Hospital Administrator	Login	USN-9	As an admin I need to login and access details of customers	I can use it for further processes.	High	Sprint-1
	Dashboard	USN-10	As an admin I need to proceed the details with case head	I can use it for further processes.	High	Sprint-1