**Project Design Phase-II**
**Data Flow Diagram & User Stories**
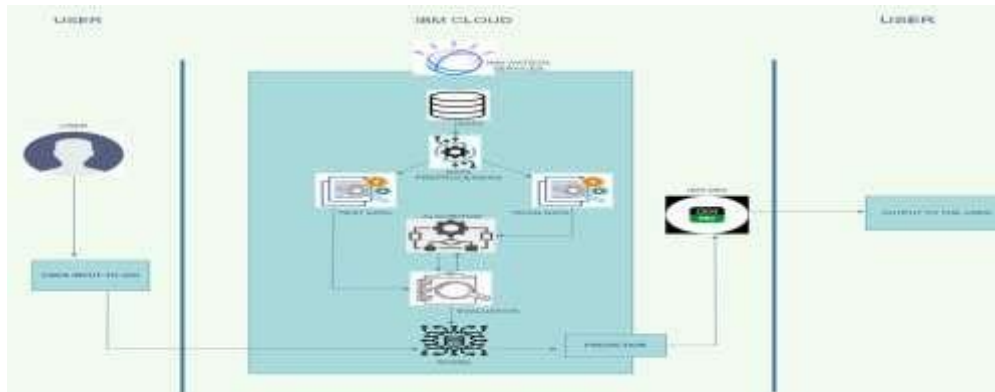
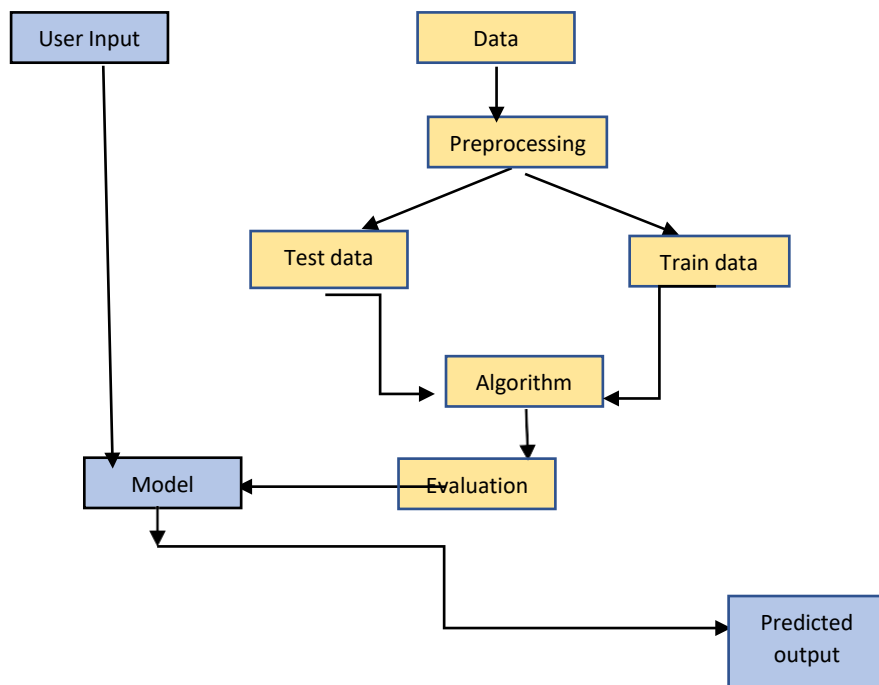| | |
|---|---|
| Date | 6 NOVEMBER 2022 |
| Team ID | PNT2022TMID14570 |
| Project Name | Project - Statistical Machine Learning Approaches to Liver Disease Prediction |
| Maximum Marks | 4 Marks |

**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.

**Example:**

**Flow:**



**1.User enter the levels of blood contents like the levels of enzymes and proteins.**

**2.The trained model predict the likeliness of liver disease.**

**3.After the prediction it shows the result in the developed web application.**

User Input

Data

Preprocessing

Test data

Train data

Algorithm

Evaluation

Model

Predicted output

Data flow diagram

**User Stories:**

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---|---|---|---|---|---|---|
| Customer (Mobile user) | User Input | USN-1 | As a user, I can enter the level of blood contents as an input | The level must be in perfect units | High | Sprint-4 |
| Customer (Web user) | Access of resource | | The user can get the result from his blood report through this platform | The level must be in perfect units | High | Sprint-3 |
| Administrator | Manipulation of dataset | | Can do modification or updation and storing of data | Modify ,Update,store | High | Sprint-4 |