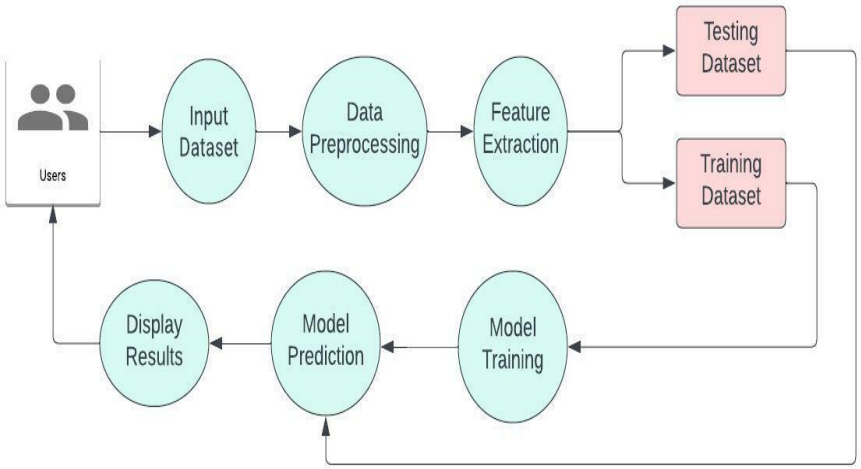
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID53476
Project Name	Visualizing And Predicting Heart Diseases With An Interactive Dash Board
Maximum Marks	4 Marks

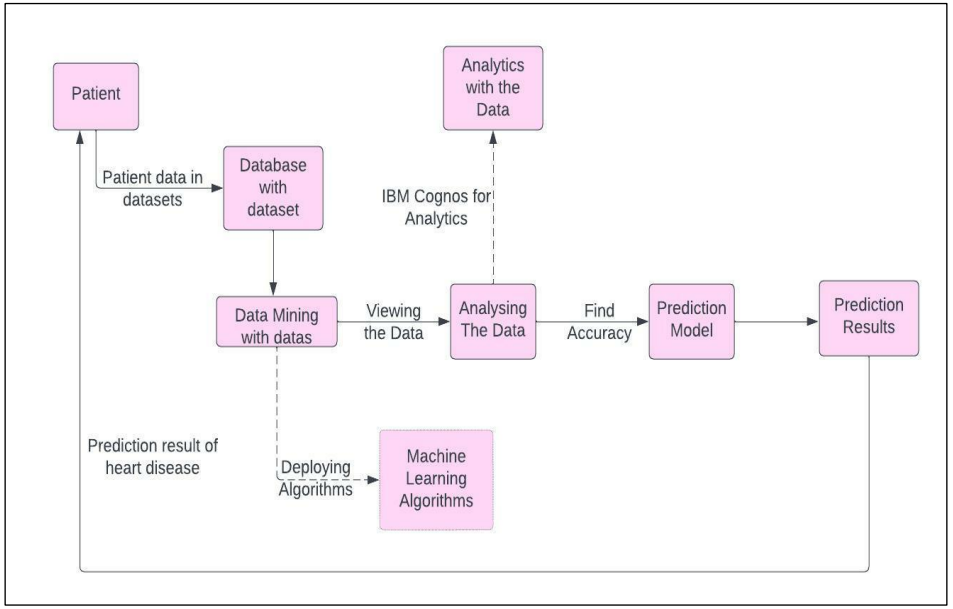
Data Flow Diagrams:

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: (Simplified)



DFD DIAGRAM



User Storiess

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
User	Registration	USN-1	The user will have to fill in the below 13 fields for the system to predict a disease -Age in Year -Gender -Chest Pain Type -Fasting Blood Sugar -Resting Electrographic Results(Restecg) -Exercise Induced Angina(Exang) -The slope of the peak exercise ST segment -CA – Number of major vessels colored by fluoroscopy -Thal -Trest Blood Pressure -Serum Cholesterol -Maximum heart rate achieved(Thalach) -ST depression induced by exercise(Oldpeak)	These are the categories available in that application.	High	Sprint-3
		USN-2	Users can view the result of heart disease Prediction.	Detect the health condition from where ever the user wants	High	Sprint-4
Administrator	Analysis of patient data	USN-1	Analysing and Visualizing the relationship between various features of patient data.	Various visualisation graphs	Medium	Sprint-1
	Feature Selection	USN-2	Selecting the most relevant features and getting rid of noise in data.	Dataset containing most relevant features	Medium	Sprint-2
	Prediction	USN-3	Displaying the result of analysis.	Result of Heart disease prediction	High	Sprint-4