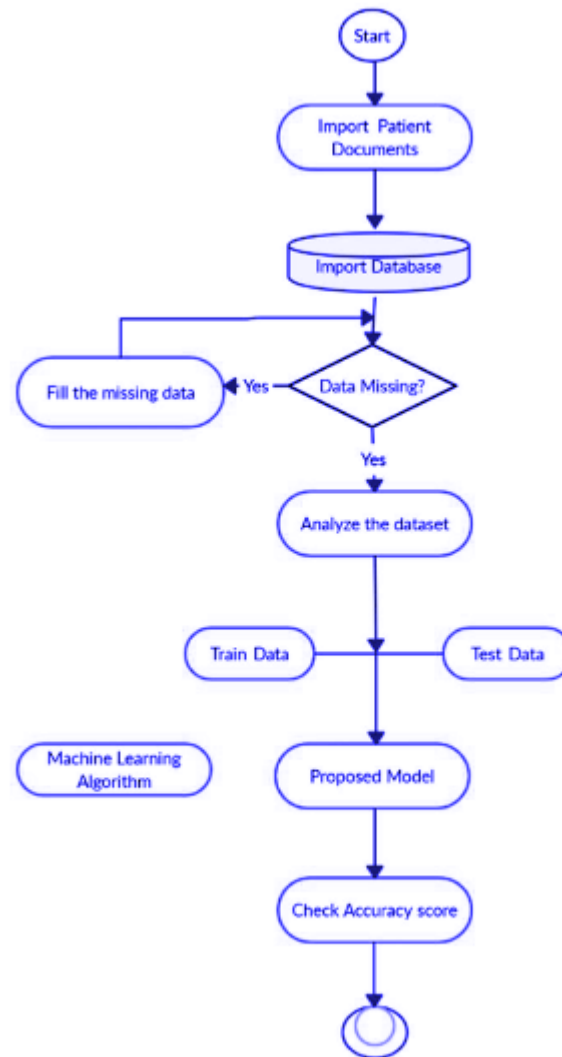


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	20 October 2022
Team ID	PNT2022TMID35954
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard
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

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 (Mobile User)	Registration	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 for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can register & access the dashboard	High	Sprint-1
	Dashboard	USN-6	Profile - View & Update Profile	I can view and update my profile	Medium	Sprint-2
		USN-7	Change Password - user can change their password	I can change my password	Medium	Sprint-1
		USN-8	Home Page - Analyze your health!	I can detect my health condition from wherever I want.	High	Sprint-1
		USN-9	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	These are the categories available in the application.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			-Trest Blood Pressure -Serum Cholesterol -Maximum heart rate achieved(Thalach) -ST depression induced by exercise(Oldpeak)			
		USN-10	View Doctors - view doctor detail by searching by names or filter by user's choice and location.	Using this functionality, users can find doctors in their locality..	Medium	Sprint-1
Customer (Web user)	System Requirement	USN-11	I. Hardware Requirement i. Laptop or PC: - 15 processor system or higher - 4 GB RAM or higher - 128 GB ROM or higher ii. Android Phone (12.0 or above)	These are the specifications that should be available on the user's PC.	Medium	Sprint-2
		USN-12	II. Software Requirement iii. Laptop or PC - Windows 8 or higher	Install this application that can be used to predict the presence of heart disease.	Medium	Sprint-2
		USN-13	Reference- <a href="https://ieeexplore.ieee.org/document/9619208/">https://ieeexplore.ieee.org/document/9619208/</a>		Medium	Sprint-1
Customer Care Executive	Dashboard	USN-14	Queries	Users can post your queries in the text box available in that application.	Medium	Sprint-2
		USN-15	Toll Free	Toll free number for customer care services.	Medium	Sprint-2
		USN-16	Ratings	User can rate the application and give their reviews	Medium	Sprint-2
Administrator	Dashboard	USN-17	Verification	Verification through CAPTCHA	Medium	Sprint-2
		USN-18	Validation	Reconfirming the new password.	Medium	Sprint-2
		USN-19	Feedback - send feedback to the Admin.	Users can send their	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				feedback to the admin.		