Project Design Phase-II
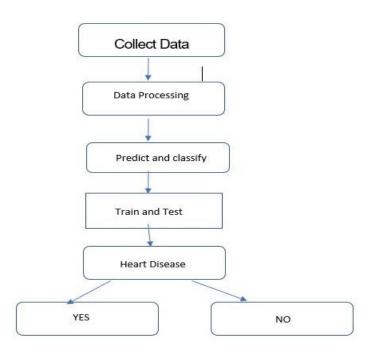
Team ID	PNT2022TMID49153
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Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard

DATA FLOW DIAGRAM &
USER STORIES 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 diagram 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.

Data Flow Diagram for Heart Disease Prediction Dashboard:

Flow & User Stories :

1) User account will be created in the application.
2) User enters the medical records in the dashboard and search for the requirements.
3) User can view the visualizations of trends in the form of graphs and charts for his/her medical records with the dataset trained.
4) User can view the accuracy of probability of occurrence of heart disease in the dashboard.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release

Customer (Web user)	Registration	USN-1	User account will be created by entering the mail id and password with confirming the password.	I can access my account / Dashboard	High	Sprint-1
		USN-2	User will receive a confirmation mail on the completion of the registration.	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	Now user can be able to login with the registered mail id and password.	I can access my account / Dashboard When logged in	High	Sprint-1
Customer (Web user)	Dashboard	USN-4	User can be able to view the complete medical analysis and accuracy of disease.	I can view my medical analysis in the dashboard	High	Sprint-2

		USN-5	User can view the accuracy of occurrence of heart disease in the user dashboard.	I can view the accuracy of heart disease in the dashboard	High	Sprint-2
Customer Care Executive	Helpdesk	USN-6	Customer care executive can be able to view the customer queries.	I can post my queries in the dashboard	Medium	Sprint-3
		USN-7	Customer care executive can be able to answer the customer queries.	I can get support from helpdesk	High	Sprint-3
Administrator	User Profile	USN-8	Admin can update the users health details.	I can view my updated health details.	High	Sprint-4

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-9	Admin can add a new user and also can be able to remove the existing user.	I can access my account / Dashboard When logged in	High	Sprint-4
		USN-10	Admin can manage user details.	I can view the organized data of myself.	High	Sprint-4