

Project Design Phase-II

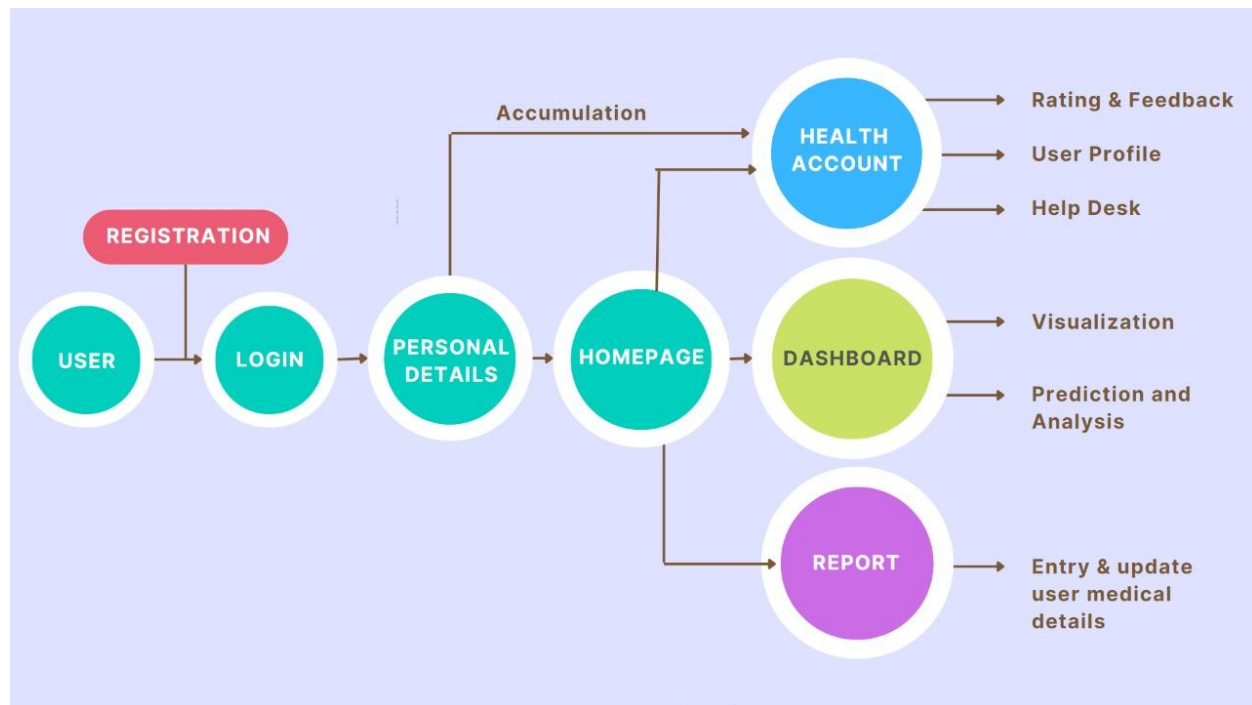
Data Flow Diagrams and User Stories

Team ID	PNT2022TMID04435
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard

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.

Data Flow Diagram for Heart Disease Prediction Dashboard:



Flow:

1. User creates an account in the application.
2. User enters the medical records.
3. Users can view the visualizations of trends in the form of graphs and charts for his/her medical records with the trained dataset.
4. Users can view the probability of occurrence of heart disease in the dashboard.

User Stories:

User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web 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 a confirmation email once I have registered for the application.	I can receive confirmation email & click confirm.	High	Sprint - 1

User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
	Login	USN - 3	As a user, I can log into the application by entering email & password.	I can access my account / Dashboard when logged in.	High	Sprint-1
Customer (Web User)	Profile	USN - 4	As a user, I can manage my user profile.	I can view, edit my personal details.	High	Sprint - 1
Customer (Web User)	Dashboard	USN - 5	As a user, I can view my complete medical analysis.	I can view my medical analysis in the dashboard	High	Sprint - 2
		USN - 6	As a user, I can view the probability of occurrence of heart disease	I can view the probability of occurrence of heart disease using a dashboard.	High	Sprint - 2
Administrator	User Profile	USN - 7	As an admin, I can manage profiles of the users.	I can view, edit and delete user accounts of the user.	High	Sprint - 3
Customer (Web User)	Queries	USN - 8	As a user, I can ask queries.	I can ask queries and get resolved by the answers given by the helpdesk.	Medium	Sprint - 3

Customer Care Executive	Helpdesk	USN - 9	As a customer care executive, I can view the questions asked by the users.	I can view the questions asked by the users ordered by time of the question asked and filter the questions based on responses.	Medium	Sprint - 4
		USN - 10	As a customer care executive, I can answer the questions asked by the users.	I can respond to the questions asked by the users.	Medium	Sprint - 4
Customer (Web User)	Rating	USN - 11	As a user, I can rate the website and provide feedback.	I can rate and provide feedback on the website.	Low	Sprint - 4