

Project Design Phase-II

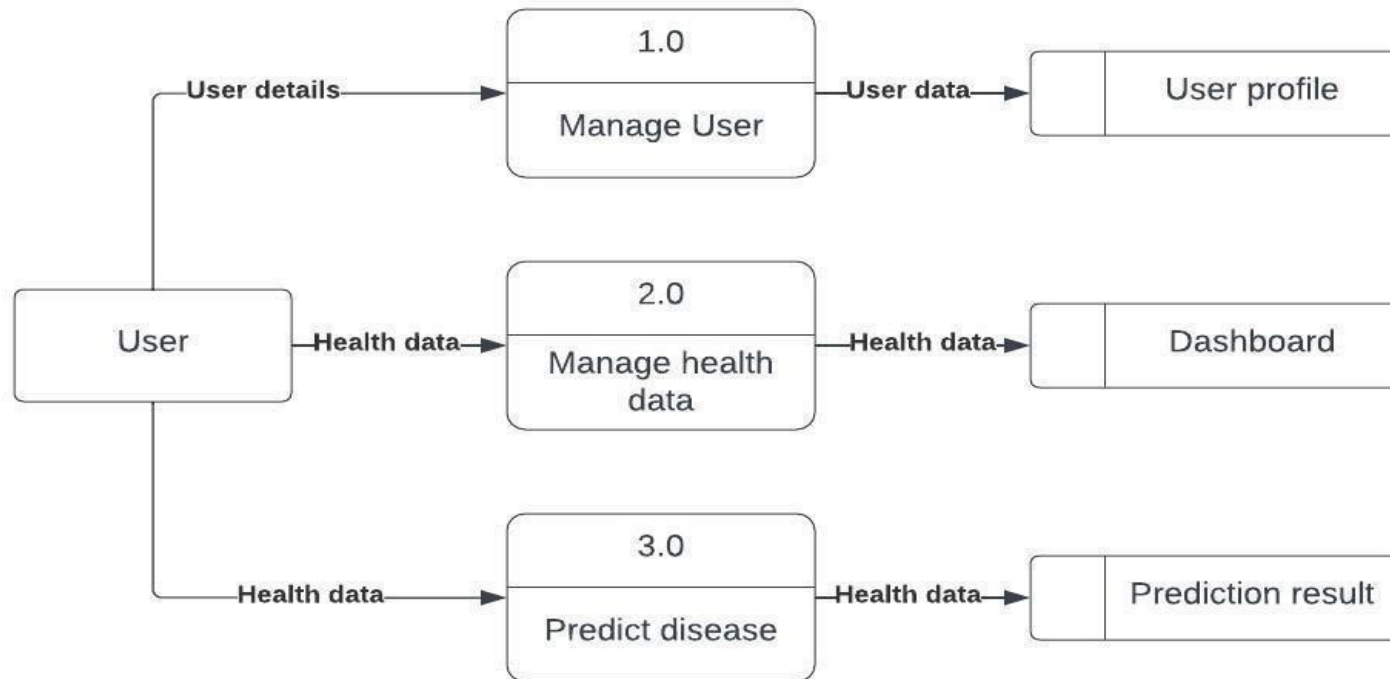
Data Flow Diagram & User Stories

Date	28 October 2022
Team ID	PNT2022TMID35454
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dashboard
Maximum Marks	4 Marks

Data Flow Diagrams:

A **data-flow diagram** is a way of representing a flow of data through a process or a system (usually an information system). The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow — there are no decision rules and no loops.

Data Flow Diagram for Heart Disease Prediction Dashboard:



Flow:

- 1) User creates an account in the application
- 2) Entering the medical records correctly
- 3) User can visualize the trends for his/her medical records in the form of graphs/charts with the dataset.
- 4) Can view the accuracy of probability of occurrence of heart disease in the dashboard.

User Stories:

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-1
		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 access my account when I'm logged in	High	Sprint-1
Customer (Web user)	Dashboard	USN-6	As a User I can view my complete medical analysis and accuracy of disease prediction	I can view my medical analysis in the dashboard	High	Sprint-2
		USN-7	As a user, I can view the accuracy of occurrence of heart disease	I can view the accuracy of heart disease in the dashboard	High	Sprint-2
Customer Care Executive	Helpdesk	USN-8	As a customer care executive, they can view the customer queries.	I can post my queries in the dashboard	Medium	Sprint-3

		USN-9	As a customer care executive, they can answer the customer queries.	I can get support from helpdesk	High	Sprint-3
Administrator	User Profile	USN-10	As an admin, they can update the health details of users.	I can view my updated health details.	High	Sprint-4

