

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

Date	16 October 2022
Team ID	PNT2022TMID20513
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.

VISUALIZING AND PREDICTING HEART DISEASES WITH AN INTERACTION

### User Stories

We 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 (Web user)	System Requirement	USN-1	I. Hardware Requirement i. Laptop or PC <ul style="list-style-type: none"><li>15 processor system or higher</li><li>4GB RAM or higher</li><li>128GB ROM or higher Android Phone (12.0 and above)</li></ul>	These are all the specification available in your PC.	High	Sprint-2
		USN-2	II. Software Requirement ii. Laptop or PC	Install your application. This system can be used	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			<ul style="list-style-type: none"> <li>Windows 10 or higher</li> <li>Android studio</li> </ul>	to predict the presence of heart disease.		
	Registration	USN-3	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-4	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-5	As a user, I can register for the application through email	I can register & access the dashboard with Gmail login	Medium	Sprint-1
	Login	USN-6	As a user, I can log into the application by entering email & password	I can register & access the dashboard with Gmail login	High	Sprint-1
	Dashboard	USN-7	As a user, I can view visualizations and a detailed report after entering my details.	I can view the correct results if the details entered are accurate .	High	Sprint-2
		USN-8	Profile –view & update your profile	I can see the profile.	High	Sprint-1
		USN-9	Change Password – user can change the password	I can able to change the password	High	Sprint-1
		USN-10	Home – Analyze your Heart	I can detect the health condition from where ever I want	High	Sprint-1
		USN-11	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 (Old peak)	These are the categories available in that application.	High	Sprint-2
		USN-12	View Doctors – view doctor detail by searching by names or filter by specialty	Using this application, people can known that the speciality doctor.	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	Helpdesk	USN-13	I help the users with any queries and direct any reported issues to the administrator	I can view the feedback from the user	Medium	Sprint-3
Administrative	Maintenance	USN-14	I make sure all the servers are working properly	I can check the status of the users	High	Sprint-3
	Relaying queries	USN-15	I make sure all the reported queries are addresses by delivering the queries to the concerned people	I can make sure there are no issues in the site	High	Sprint-4
Customer Care Executive	Dashboard	USN-16	Query	You can post your queries in the text box available in that application	High	Sprint-1
		USN-17	Toll-free	Ask your doubts in given Number (7708024395)	High	Sprint-1
		USN-18	Ratings	Give your ratings as your wish	Medium	Sprint-1

