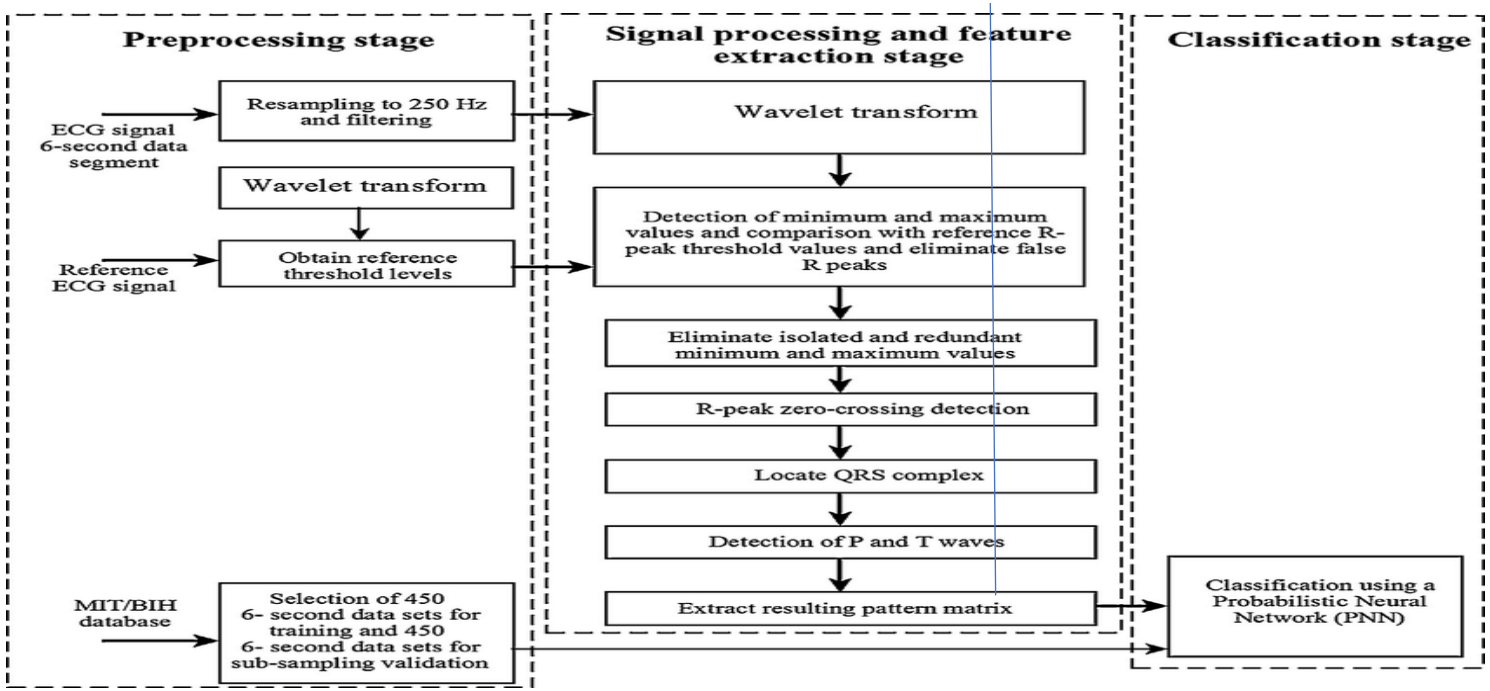
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID19938
Project Name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
Maximum 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
Individual patient	To know or verifythe arrhythmia condition	USN-1	As a user, I can log in to the website using user name and password(credentials) or create one if am new, can proceed with filling out the details as individual and uploading the scanned copy of ECG report	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive the report throughemail or download it on the site itself	I can receive output inpdf format	Low	Sprint-1
		USN-3	As a user, I can see my previous reports of arrhythmia (stages) on my account	I can access it if its a authorised log in	High	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password		High	Sprint-1
Lab Technicians(Hospitals)	To print summaryalong with ECG ifthe patient is observed with arrhythmia	USN-5	As a user I need an application to run along with my ECG machine to classify the type of arrhythmia and provide a report with results	It can run along with itsoperation every time	High	Sprint-3