Project Design Phase-II
Data Flow Diagram & User Stories

Date	13 October 2022
Team ID	PNT2022TMID53417
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
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.
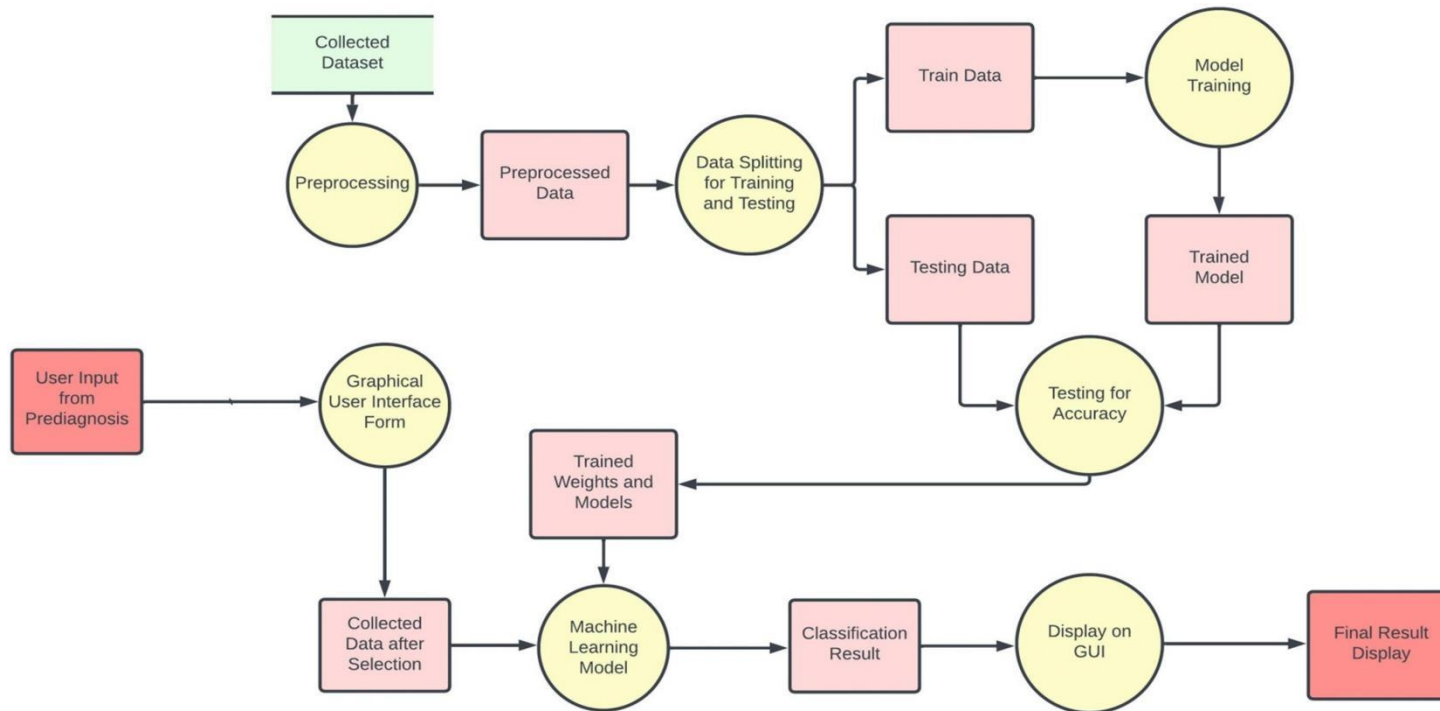
User Stories

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
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 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 my Gmail Account	I can register & access the dashboard with Gmail.	Low	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering the user credentials.	I can view my registered account attributes.	High	Sprint-1
		USN-5	As a user, I have to be able to verify my access through CAPTCHA Verification.	I can verify that I am not a harmful user.	Low	Sprint-4
	Dashboard	USN-6	As a user, I will have to access various options available in the website.	I can access various parts of the system.	High	Sprint -2
		USN-7	As a user, I should be able to view my profile and access details.	I can view or change my account details.	High	Sprint-2
	Diagnosis Detail Entry	USN-8	As a user, I must be able to enter the details with ease and various selection tools like checkboxes, dropdown menu etc.	I can now enter the required parameters for diagnosis.	High	Sprint-3
		USN-9	As a user, I must be able to view the alternative names for the parameters along with the permissible levels.	I can clearly enter the data.	Low	Sprint-3
	Diagnosis Result	USN-10	As a user, I must be able to view the abnormal parameters which are contributing to the disease.	I can see the abnormal parameters which need attention.	High	Sprint-4
		USN-11	As a user, I must be able to get an accurate result from the Diagnosis.	I can get a diagnosis to make further decisions.	High	Sprint-4
Customer Care Executive	Service and Suggestion	USN-12	As a Customer care Executive, I should be able to clarify customer's doubts regarding the system's performance and results as early as possible.	I can clear the minor decisions and queries asked by the customers.	Low	Sprint-4
Administrator	Updates	USN-13	As an Administrator, I should be able to update the latest changes as early as possible.	I can make necessary changes to improve the system sensitivity.	High	Sprint-3
	Maintain the Database	USN-14	As an Administrator, I should be able to maintain the database.	I can maintain the user and Machine Learning models for usage.	High	Sprint-3