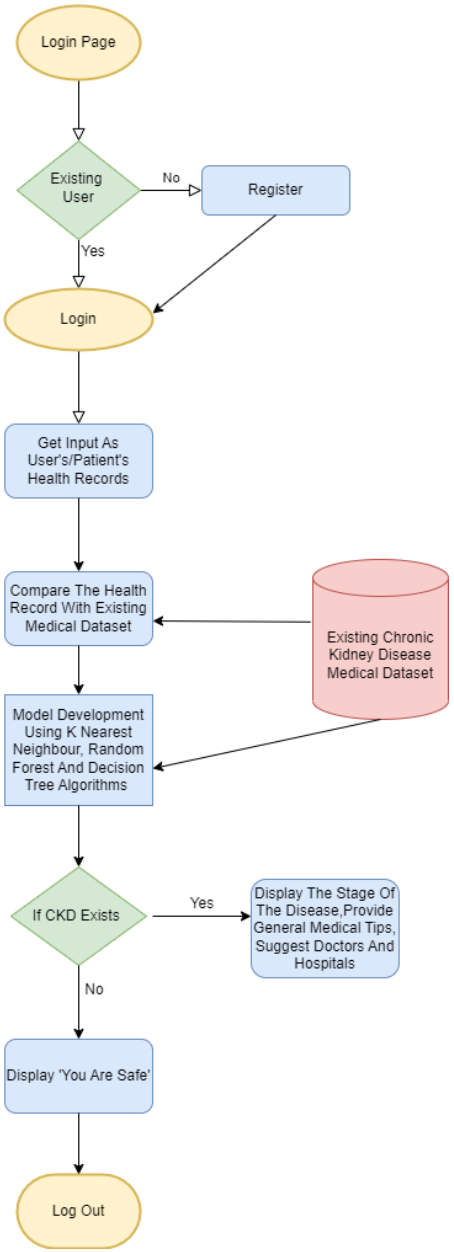
Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID08664
Project Name	Project – Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagram:


Login Page
Existing User
No
Register
Yes
Login
Get Input As User's/Patient's Health Records
Compare The Health Record With Existing Medical Dataset
Existing Chronic Kidney Disease Medical Dataset
Model Development Using K Nearest Neighbour, Random Forest And Decision Tree Algorithms
If CKD Exists
Yes
Display The Stage Of The Disease,Provide General Medical Tips, Suggest Doctors And Hospitals
No
Display 'You Are Safe'
Log Out

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/verify through OTP	High	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering the email and password	Gain the access to view the dashboard	High	Sprint-1
	Dashboard	USN-4	As a user, I can view the past activities	Access the history of user's activities	Low	Sprint-2
	Input Data	USN-5	User can enter the vital test results as an input to view the output	Giving input in the website	High	Sprint-2
	Report	USN-6	User can able to see the final report generated by the application	Able to view test results after diagnosis	High	Sprint-3
Customer Care Executive	Queries	USN-7	As a customer care executive, I can assist the problem faced by the user through Q/A	Rectifying the user's problem within a short span of time	Medium	Sprint-4
	Clarification	USN-8	User should need clarification on how to use some features in the application	Application gives detailed explanation and provide 24/7 assistance	Medium	Sprint-4
Administrator	Feature Extraction	USN-9	As an administrator, I should find the significant features required to make decision on the dataset	Identify the most important feature	High	Sprint-2
	Model Construction	USN-10	As an administrator, I should identify the best model that can yield maximum accuracy for detection of disease	Training the ML model	High	Sprint-2