

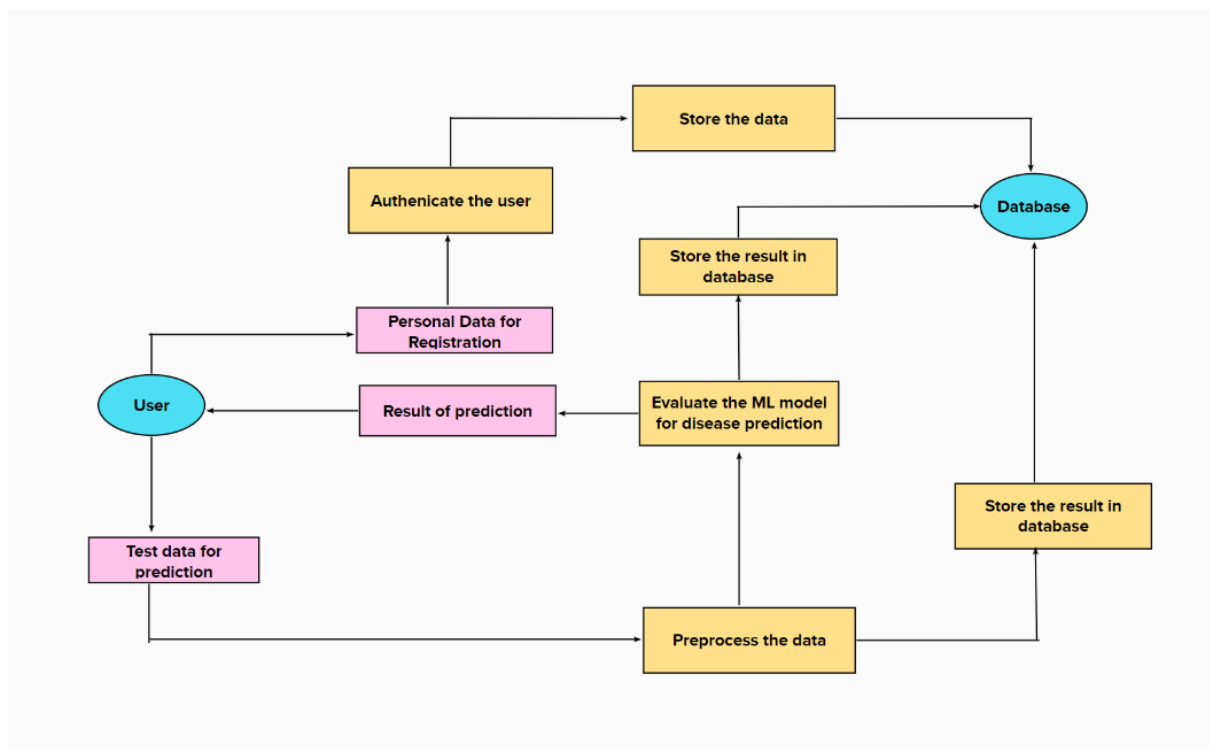
Project Design Phase-II

Data Flow Diagram & User Stories

Date	18-October-2022
Team ID	PNT2022TMID04381
Project Name	Early Detection of Chronic Kidney Disease Using Machine Learning

Data Flow Diagram:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can graphically depict the right amount of the system requirement. It shows how data enters and leaves the design, what changes the information, and where data is stored.



User Stories:

User Type	Functional Requirements	User Story Number	User Story / Task	Acceptance Criteria	Priority	Result
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, and password and confirming my password.	I can access my account/ dashboard.	High	Sprint-1
		USN-2	I can register for the application through google.	I can link my google account with the application.	Medium	Sprint-2
	User Confirmation	USN-3	Receive confirmation mail through Gmail.	I can receive a confirmation mail and click confirm.	High	Sprint-1
		USN-4	I can able to verify the identity through OTP.	I can authenticate my registration.	Medium	Sprint-2
	Data Collection	USN-5	Enter the input data through the disease prediction form.	I can give the data to predict.	High	Sprint-1
	Provide output to the user	USN-6	Able to get the result of disease prediction in the dashboard.	I can know if I am affected or not.	High	Sprint-1
Administrator	Data Analysis	USN-7	Develop modules to preprocess and store the data.	I can store the database in a proper format	High	Sprint-1
	Prediction of disease	USN-8	Finally build a machine learning model for predicting the disease.	I can deploy the model within a website.	High	Sprint-1