Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID02261
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagram:
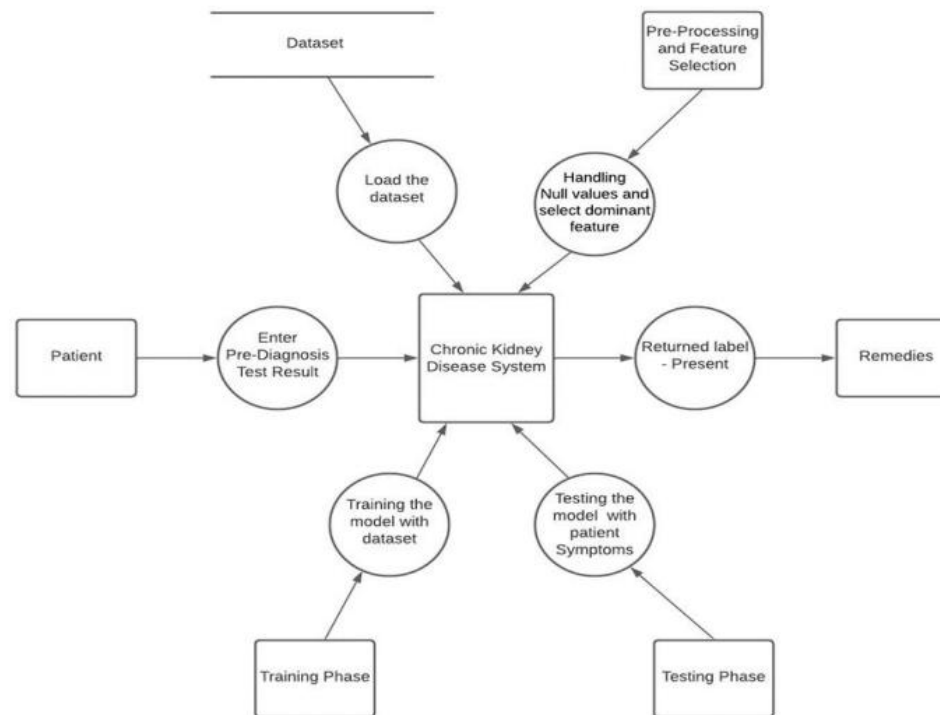
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		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 email & password	Will see a Dashboard	High	Sprint-1
	Dashboard	USN-4	As a user, I can see my past records and activities	I can access my past records and can solve my queries through Q/A.	High	Sprint-2
	Entry Form	USN-5	As a user, I must enter my pre-diagnostic test results	I have to fill the form with my test results	High	Sprint-2
	Report	USN-6	As a user, I can view the report generated by the tool.	I will be able to view my test results after diagnosis.	High	Sprint-3
	Remedies	USN-7	Will be able to see some suggestions to improve my health.	The suggested remedy will help me recover from CKD.	Medium	Sprint-3
Customer Care Executive	Feedback	USN-8	As a User, I will be filling the feedback form.	I will be reading those feedbacks to improve User Experience.	Low	Sprint-4
	Queries	USN-9	As a customer care executive, I must assist users that face problems through Q&A	The queries of the customer have to be sorted within a period of 1day.	Low	Sprint-4
Administrator	Feature importance	USN-10	As an administrator, I should identify the most significant factors that lead to CKD based on the present trend	I must identify important features	High	Sprint-2
	Train model	USN-11	As an administrator, I must use the most suitable ML model for detection of CKD	I should efficiently train the ML model	High	Sprint-2