PROJECT DESIGN PHASE-II

Data Flow Diagram & User Stories

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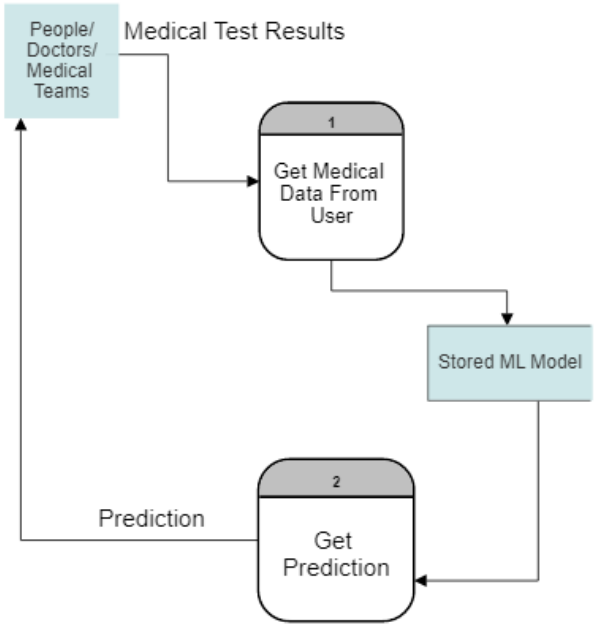
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning

Data Flow Diagram - Early Detection of Chronic Kidney Disease using Machine Learning



User Stories

User Type	Functional Requirement	User Story Number	User Story	Acceptance criteria	Priority	Release
Public User/Doctors/Medical Teams	Adding Data	USN-1	As a user, I can feed my data as the input into the application for it to predict the possibility of kidney disease.	All the required data should be and will be collected from the form	High	Sprint-1
Public User/Doctors/Medical Teams	Checking accuracy	USN-2	As a user, I can check the ability and accuracy of the model in obtaining the required information	I can check the capability of the model	Medium	Sprint-1
Public User/Doctors/Medical Teams	Data classification	USN-3	As a user, I can examine the working action of the application model	I can view how the application works and responds to the actions imposed	Medium	Sprint-2
Public User/Doctors/Medical Teams	Checking for the disease	USN-4	As a user, I can verify with the application that the given data is identified with the possibility of kidney disease with the help of the trained and tested data	I can confirm that the data shows the accurate result	High	Sprint-2
Public User/Doctors/Medical	User interaction	USN-5	As a user, I can interact with the web app to process	I can see the results from the interaction	High	Sprint-3

Teams			the accurate result in a meanwhile			
Public User/Doctors/Medical Teams	Medical assistance	USN-6	As a user, I can get medical advises and recommendations for to boost the action of curing the disease	I can get enough assistance by getting the suggestions for curing the disease	Low	Sprint-3
Public User/Doctors/Medical Teams	Data extraction	USN-7	As a user, I can retrieve the result data from the application for data storage for further medical research uses.	I can download the result in the form of data or email the result as a proof to show to medical teams	Medium	Sprint-4