Early Detection of Chronic Kidney Disease Using Machine Learning

Project Design Phase - 2

Solution Requirement

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Functional Requirement:

The Functional Requirement of the proposed solution are:

FR.No	Functional Requirement(Epic)	Sub Requirement(Story/Sub-Task)
FR-1	Home page	Details of Chronic Disease Prediction. If New User can Register Else Login
FR-2	User Registration	Filling the Basic Details and Email
FR-3	User login	Login through Mail id and Password
FR-4	Test	Valid inputs entered by the user to predict the disease
FR-5	Result	Positive or Negative

Non - Functional Requirement:

The Non-Functional Requirement of the Proposed Solution are:

NFR.No	Non Functional Requirement	Description
NFR-1	Usability	Effective prediction of chronic kidney disease can be immensely useful in this aspect.
NFR-2	Security	User Id and Password for each user is different for the security purpose
NFR-3	Reliability	Cost effective, accuracy and User friendly
NFR-4	Performance	User can login into the page and enter the valid input details to predict the disease and we have used a efficient algorithm for higher accuracy in the result
NFR-5	Availability	This website is efficient to access only when the user is in the Online. The Result will be predicted in very quick manner
NFR-6	Scalability	Because we made everything dynamic, it is simple to scale up in response to rising user demand.