

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	29 October 2022
Team ID	PNT2022TMID24563
Project Name	Early Detection of Chronic Kidney Disease Using Machine Learning
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution

FR No	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form
FR-2	User Confirmation	Confirmation via password.
FR-3	Obtain Information	The system should be able to get the information for predicting the disease.
FR-4	Displaying Result	The system must be able to display whether the user is affected or not

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Access to use the application is permitted only to the registered users
NFR-2	Security	Authentication is done for the security process.
NFR-3	Reliability	The user gets the correct and predicted value and standard results.

NFR-4	Performance	Lowering the total load time of prediction and user interaction
NFR-5	Availability	Easily available to everyone.
NFR-6	Scalability	To be able to change things.