

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

Date	03 October 2022
Team ID	PNT2022TMID22055
Project Name	Project - 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 Email Confirmation via OTP
FR-3	User Requirements	Create an account, see certain content, recalculate data using a particular algorithm, and perform other actions.
FR-4	User test vitals	Test vital form for pre-diagnostic test results.
FR-5	Business Requirements	An Application that allows the patient to identify Chronic kidney disease within seconds.
FR-6	User feedback form	Allows users to submit feedback through a form.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple user friendly interface for communication.
NFR-2	Security	The reports are maintained confidentially to the customer.
NFR-3	Reliability	You can check the percentage of the probability of failure, or failure rate, to determine the reliability of a system.
NFR-4	Performance	Reducing overall load time of prediction and interactivity with users.
NFR-5	Availability	Available at any time to users from various places.
NFR-6	Scalability	Support a large number of users to use the application at a time.