

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

Date	11 October 2022
Team ID	PNT2022TMID15336
Project Name	Early Detection of Chronic Kidney 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 Gmail
FR-2	User Verification	Confirmation via Email
FR-3	User Login	Login through Email
FR-4	User Dashboard	Log in to the application
FR-5	User Help	Report issues through Email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This project provides the best accuracy for predicting the kidney disease.
NFR-2	Security	It will give security for the users in the way of Unique Id and password to login.
NFR-3	Reliability	It helps to identify the kidney disease in effective way, reduce the cost and user friendly.
NFR-4	Performance	Using both classification and regression algorithms it helps the doctors to diagnose the disease within a short duration of time.
NFR-5	Availability	It is accessible for web users.
NFR-6	Scalability	This project can be improved by giving medical suggestion for patients.