

Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

Date	17/10/22
Team Id	PNT2022TMID39435
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning

Functional Requirements:

S.no	Functional requirements	Description
1	User Registration	Login in page registration.
2	User Confirmation	Confirmation through E-mails & OTP.
3	User Requirements	Account creation, visible of content, calculating data using certain algorithm, take action.
4	Business Requirements	Application or platform that makes doctors to detect Chronic Kidney disease in a short period of time.
5	U-Authentication	Authenticate user validation.
6	U-Authorization	If server receives request with authorized, if it verified and grant access to the resources.

Non Functional Requirements:

S.no	Non-Functional requirements	Description
1	Availability	Accessible for web-users.
2	Performance	Using certain algorithm it helps the Nephrologist to detect in short time.
3	Security	Gives High security and privacy for the users & maintain patient records securely.
4	Usability	This project makes high accuracy of detection of Chronic kidney disease.
5	Reliability	This project makes less cost, Failure can be prevented.