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

Date	03 October 2022
Team ID	PNT2022TMID34602
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 Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Usage of System	User having symptoms
FR-4	End Result	Effective detection of Chronic Kidney Disease
FR-5	Capability	Can process up to nearly 1000 users input

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy for the end user to use the system
NFR-2	**Security**	Software remains resilient on the face of attacks.
NFR-3	**Reliability**	The system is highly dependent on the users dataset
NFR-4	**Performance**	The system can handle nearly up to 1000 users concurrently
NFR-5	**Availability**	The system will be available throughout the entire usage of the system by the user.
NFR-6	**Scalability**	The system can perform normally and can handle the increase in workload without any degradation in performance and has ability to quickly enlarge.