

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

Team ID	PNT2022TMI49151
Project Name	Early Detection of Chronic Kidney Disease Using Machine Learning

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Users can easily traverse an application's interface when it is useful, and applications with high usability allow users to quickly understand what a feature is and what it can achieve.
NFR-2	<b>Security</b>	Safeguard sensitive information and secure databases to store patients' medical records.
NFR-3	<b>Reliability</b>	You can check the percentage of the probability of failure, or failure rate, to determine the reliability of a system.
NFR-4	<b>Performance</b>	Reducing overall load time of prediction and interactivity with user
NFR-5	<b>Availability</b>	Indicates the user's ability to access the system at some point
NFR-6	<b>Scalability</b>	Describes the ability to properly handle upbrining (and downgrade) workload