

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

Date	12 October 2022
Team ID	PNT2022TMID15929
Project Name	Project – Early Chronic Kidney disease prediction
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 retyping password.
FR-3	Obtain Information	The system should be able to get the information for predicting the disease from the user.
FR-4	Displaying Result	The system must be able to display whether the user is affected or not.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Access to use the application is permitted only to the registered users.
NFR-2	<b>Security</b>	Authentication is done for security process.
NFR-3	<b>Reliability</b>	The user gets the correct and predicted value and standard results.
NFR-4	<b>Performance</b>	The user gets the results faster accessing the application from remote location.
NFR-5	<b>Availability</b>	The application is accessible only when the user is online.
NFR-6	<b>Scalability</b>	This application can be used anywhere as it is portable(ie.computer,laptop etc).