

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

Date	15 October 2022
Team ID	PNT2022TMID30154
Project Name	Project – Early Detection of Chronic Kidney Disease
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 Login	Can access our website by clicking the link
FR-2	User Profile	Completing the profile with basic information
FR-3	User Search	Search for their matching symptoms which will cause the disease.
FR-4	User Input	User will be answered for the questions regarding their health condition through forms.
FR-5	User Logout	User can logout the website with their results in percentage type and can be downloaded.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	To know the accuracy of the disease by the results.
NFR-2	Security	Details or inputs shared by the user is secured and kept confidentially.
NFR-3	Reliability	The quality of being trustworthy user can access the website or their inputs the whole time.
NFR-4	Performance	The website loading time will be less than 5 seconds. It is a user-friendly website.
NFR-5	Availability	Users can view the symptoms in the website also can check BMI range and know their healthy state.
NFR-6	Scalability	The solution will able to support the user to know the result and to take further measures.

