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

Date	22 October 2022
Team ID	PNT2022TMID26456
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	This system allows user to register through Form.
FR-2	User Confirmation	Confirmation via Email.
FR-3	Reset Password.	This system allows users to change their their password.
FR-4	Input Data	This system must allow users to enter data for prediction.
FR-5	Prediction	This system must predict Kidney disease
FR-6	Feedback	This system must allow users to give feeback by taking a survey.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This system should have user-friendly features.
NFR-2	Security	This system should protect user data and allow only authorized persons to access the data.
NFR-3	Reliability	This system should have low failure rate.
NFR-4	Performance	This system should take less time to predict the results.
NFR-5	Availability	This system should be able to perform on all environment.

| NFR-6 | Scalability | This system should manage high workloads. |