

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

Date	27October 2022
Team ID	PNT2022TMID49895
Project Name	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	Pulmonary embolism	blocking blood flow to part of the lung
FR-2	Select red blood cell	Red Blood Cell level
FR-3	Coronary Artery Disease	Coronary Artery Disease or Not
FR-4	Animia or Not	Symptoms may include fatigue, skin pallor, shortness of breath, light-headedness, dizziness or a fast heartbeat
FR-5	Select PUS or not	A thick, whitish-yellow fluid that results from the accumulation of white blood cells, liquefied tissue(Dead cells)

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Usability is a quality attribute that assesses how easy user interfaces are to use
NFR-2	Security	identification of potential risks and implementation of strategies which will protect or preserve the confidentiality, integrity, and availability of project resources.
NFR-3	Reliability	how consistently the project management software does what it's supposed to.
NFR-4	Performance	Project performance management is the process of creating, implementing, and managing projects that contribute to the performance of an organization and its strategy.
NFR-5	Availability	Availability is critical in driving the success of project planning.
NFR-6	Scalability	It is the measure of a system's ability to increase or decrease in performance and cost in response to system processing demands.