Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	29 October 2025
Team ID	NM2025TMID04224
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Deletion	Admin can request to delete a user
FR-4	Assignment Check	System checks if the user is assigned to any incident
FR-5	Deletion Block	If assigned, system blocks deletion and shows a warning message
FR-6	Safe Deletion	If not assigned, system allows the user to be deleted safely

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be simple and user-friendly for the admin.
NFR-2	Security	Only authorized users (admins) should be allowed to delete users.
NFR-3	Reliability	The system must always verify user assignments correctly before deletion.
NFR-4	Performance	The validation check must execute quickly without noticeable delay.
NFR-5	Availability	The system should be available whenever the admin needs to manage users.
NFR-6	Scalability	The system should support increasing numbers of users and incidents without performance degradation.