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

Date	27 June 2025
Team ID	LTVIP2025TMID28986
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 (Story / Sub-Task)
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	Login	Login with Email and Password Login with Social Accounts(Gmail,LinkedIn) Forgot Password/Password Reset
FR-4	Dashboard	View Inventory Summary View Notifications (Low stock, Expiry alerts) Quick Access to Recent Orders / Shipments
FR-5	Inventory Management	Add New Medical Stock Edit or Delete Existing Stock View Medicine Details Filter/Search by Category or Medicine Name
FR-6	Stock Alerts	Auto-alerts for Low Stock Auto-alerts for Expiring Medicines

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should be easy to use and understand for all users.
NFR-2	**Security**	The system should keep all data safe and allow access only to the right people.
NFR-3	**Reliability**	The system should work properly all the time without losing any data.
NFR-4	**Performance**	The system should respond quickly when users search, add, or update stock.
NFR-5	**Availability**	The system should be available all the time, with very little downtime
NFR-6	**Scalability**	The system should be able to handle more users and stock as the business grows.