Solution Requirements
Project Design Phase-II

Date: 03.11.2025
Team ID: NM2025TMID00478
Project Name: Medical Inventory Management System
Maximum Marks: 4 Marks

Functional Requirements:

FR-1	Product Registration	Add new medical items with name, quantity, and expiry
FR-2	Supplier Management	Maintain supplier contact and product linkage.
FR-3	Stock Monitoring	Track available stock and alert on low quantity.
FR-4	Expiry Alerts	Notify when medicine is near expiry.
FR-5	Reports	Generate inventory and sales reports.

Non-Functional Requirements:

NFR-1	Usability	Interface must be user-friendly and clear.
NFR-2	Security	Only authorized users can access inventory details.
NFR-3	Reliability	Data must be consistent and accurate.
NFR-4	Performance	Alerts should be generated instantly.
NFR-5	Availability	System should be accessible 24/7.
NFR-6	Scalability	Should support large hospital or pharmacy networks.