

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

Date	10 October 2022
Team ID	PNT2022TMID39828
Project Name	Inventory Management System for Retailers
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 Branch ID & Mobile Number
FR-2	User Confirmation	Confirmation via Mobile Number Confirmation via OTP
FR-3	Product Management	Easily track product information (sold and available). Quickly produce reports for single or multiple sold products
FR-4	Corrections & changes	These specifications look at each transaction's insertion, modification, deletion, cancellation, and error checking.
FR-5	Requirements for searching/reporting	How users can search for and obtain data is described in this area of the requirements.
FR-6	Backup & Restoration	This feature will be necessary if your machine crashes and all of your data is lost.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	How well does the software's implementation match the system's intended use.
NFR-2	Security	How will data be stored, and who will have access to it.
NFR-3	Reliability	The chance and percentage of the software working without failure for a given number of uses or period of time is referred to as reliability.
NFR-4	Performance	It is a measure of how quickly a system responds to data requests based on throughput and utilization.
NFR-5	Availability	This feature specifies how long the system operates, how long it takes to fix a problem, and how long it takes between lapses.
NFR-6	Scalability	Enjoy better performance without the hassle of relying on too many staff members for stock management.