

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

Date	15 October 2022
Team ID	PNT2022TMID46361
Project Name	Project - Inventory management system for retailers
Maximum Marks	4 Marks

Functional Requirements:

The following are the functional requirements of the proposed solution

FR No.	Non-Functional Requirement	Description
NFR-1	Objective	To minimize the risk of under and overstocking materials Enhancing the overall operational ability of inventory
NFR-2	End Result	Keeps the product flow at the best level
NFR-3	Documentation	Capture as a quality attribute
NFR-4	Focus	To provide a better level of customer service
NFR-5	Origin type	Usually defined by developers or tech experts
NFR-6	Types	Usability, Reliability, Scalability, and performance

Non-functional Requirements:

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

	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Sign up through the website Registration through links in Social Networking sites
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Shipping	Confirmation placed via Gmail Inbound and outbound freight shipments for retailers Real-time Streamlining of the shipping process
FR-4	Deployment	ABC Analysis for inventory deployment Implement supplement chain KPI
FR-5	Purchasing	Prevent Deadstock Budget planning
FR-6	Technology responsibility for Different materials	Implementing semi-automated packaging technologies