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

Date	20October 2022
Team ID	PNT2022TMID27088
Project Name	Inventory Management System for Retailer

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	Sign into the application by entering the Email and Password
FR-4	Dashboard	Check the stock availability
FR-5	Add items to cart	Consumers can add their product to cart for multple orders.
FR-6	Stock Update	If there is no stock then they can add it to wishlist to get notified when the stock is available.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	While usability determines how effective implementing an inventory tracking system is in your business. If it takes hours for your staff to learn the ins and outs of the software, then it's probably not worth buying.
NFR-2	Security	The process of ensuring the safety and optimum management control of stored goods. It is of central importance for optimum warehouse management because the performance of a company stands or falls with the safety and efficiency of a warehouse.
NFR-3	Reliability	Relying on manual inventory counts to know what you have will only guarantee high inefficiencies and a loss of customers.
NFR-4	Performance	Creating systems for logging products, receive them into inventory, track changes when sales occur, manage the flow of goods from purchasing to final sale and check number of stocks.
NFR-5	Availability	Whether a specific item is available for customer orders. Additional information provided by retailers may include the quantity available.
NFR-6	Scalability	They should use an automated inventory management system for inventory tracking. This will make your business much more scalable so that you can continue building consistent growth and take advantage of increased sales.