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

Date	03 October 2022
Team ID	PNT2022TMID42766
Project Name	Inventory Management System for Retailer
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 Email
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Login	Log into the application by entering the Email and Password
FR-4	Dashboard	View the products availability
FR-5	Add items to cart	Users they wish to buy products, they can add it to the cart.
FR-6	Stock Update	If the desired product is unavailable, they can update the products into the list for buying products.

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 to log products, receive them into inventory, track changes when sales occur, manage the flow of goods from purchasing to final sale and check stock counts.
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**	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.