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

Date	15 October 2022
Team ID	PNT2022TMID26775
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 Form Registration through Gmail Registration through Phone number
FR-2	User Confirmation	Confirmation via OTP(Email)
FR-3	Transactions processing	Payment through Online
FR-4	Authentication	Through Email
FR-5	Reporting	Through App Through Email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Keeps track of your inventory and offers a centralized view of stock for 24\7.
NFR-2	**Security**	Access permissions for the particular system information may only be changed by the system's data administrator.

NFR-3	**Reliability**	The database update process must rollback all related updates when any updates fails in the stock inventory.
NFR-4	**Performance**	The front-page load time must be no more than 2 seconds for users that access the website using an LTE mobile connection.
NFR-5	**Availability**	New module deployment mustn't impact front page, product pages, and check out pages availability and mustn't take longer than one hour. The rest of the pages that may experience problems must display a notification with a timer showing when the system is going to be up again.
NFR-6	**Scalability**	The website/app attendance limit must be scalable enough to support 200,000 users at a time.