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

Date	20 October 2022
Team ID	PNT2022TMID08572
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 Sign in	Retailers can register with username, password, email,PhoneNumber.
FR-2	User Login	Retailers can access their accounts by logging into the application.
FR-3	Sales Orders	The Companies will Purchase the orders and it will help to check how much Orders are needed.
FR-4	Chatbot	A chat on the webpage to solve user queries and issues.
FR-5	Inventory Management	Inventory is the good and merchandise in store for future use at an right time,right levels and right costs to be managed.
FR-6	Reports	Automated report generation is the goal software and report on inventory verification and on inventory forecasting.
FR-7	Database	FIFO,LILO based Database management and Sales administration.
FR-8	Logout	Use logout option after completing Inventory management for retailers.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Inventory management helps companies identify which and how much stock to order at what time. It tracks inventory from purchase to the sale of goods. The practice identifies and responds to trends to ensure there's always enough stock to fulfill customer orders and proper warning of a shortage.
NFR-2	**Security**	Inventory security is the process of ensuring the safety and optimum management control of stored goods.
NFR-3	**Reliability**	Huge number of stocks are easily determined so that it can be more reliable inventory management system.
NFR-4	**Performance**	The impact of a inventory management system on supply chain performance that provides less resources effort, more efficient.

NFR-5	**Availability**	It can be available for all kind of retailers and wholesale business man.
NFR-6	**Scalability**	With a cloud-based, automatic and accurate inventory management software, distributors can effectively reduce costs, minimize waste, meet customers' expectations, and predict future demands