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

Date	03 October 2022
Team ID	PNT2022TMID21310
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 LinkedIN/Google/ any OAuth provider
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Allocating and updating database	Authentication of the user
FR-4	Creating alert	Through phone number, through email
FR-5	Update inventory status	Update inventory status through inventory dashboard
FR -6	Tracking order status	Tracking order status through, the website of the orders out for delivery

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	An easy to use interface that doesn't require user instructions, support or documentation.
NFR-2	**Security**	Security requirements ensure that the software is protected from unauthorized access to the system and its stored data. It considers different levels of authorization and authentication across different user roles.
NFR-3	**Reliability**	An inventory management system must maintain its adeptness over time while tracking with the uncertainty of the inventory flow.
NFR-4	**Performance**	The performance of the website must be robust and the updates and alerts must be real-time without any noticeable lags.
NFR-5	**Availability**	The website must be accessible to the customer at any given point of the time, if the website is down for maintenance an adequate summary of the previous inventory must be displayed or have a cold website backup.
NFR-6	**Scalability**	Users can scale their online inventory based on their requirements - various branches, franchises.