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

Date	19 October 2022
Team ID	PNT2022TMID26435
Project Name	Inventory Management System for Retailers in Cloud Application Development
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	Account Creation	Created through Email Creation through Github Creation through Linkedln Creation via Google
FR-2	User Confirmation	Confirmation via Email
FR-3	Successful Log in	Notification through Email
FR-4	Update inventory details	Notification through Email
FR-5	Add new stock	Notification through Email
FR-6	Unavailability of stock	Alert notification through Email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	When the account is created in the application , all the details about the stock has to be filled. And when the stocks are no more left the application will get to know this and does the process.
NFR-2	**Security**	The Application has a very good security , because not everyone can access the application. Only the employees who have the access can only access the application. The Application requires Authentication. Because of this no one can misuse this application.
NFR-3	**Performance**	The products can be tracked by the users. The tracking can enhance the timed deliveries. With the help of this the man power can also be reduced. Emails will be delivered automatically when there is shortage of products.

NFR-4	**Availability**	Inventory management systems are designed to monitor product availability, determine purchasing schedules for better customer interaction.
NFR-5	**Scalability**	Scalability is an aspect or rather a functional quality of a system, software or solution. This proposed system for inventory management system can accommodate expansion without restricting the existing workflow and ensure an increase in the output or efficiency of the process.