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

Date	03 October 2022
Team ID	PNT2022TMID50313
Project Name	Project – Retail store stock Inventory Analytics
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Login Page	As application starts the login page appears. Admin login is determined by the username and password that has all the authority to add, update and delete the stock of the organization as per the requirement.
FR-4	Create Godwom	We can create godwom if we need to extend or we have more than one godwom. We can create the godwom along with the date
FR-5	Sales details	It show the details about the sales and the remaining stock of sales. It also show the details about the sales in return
FR-6	Purchase details	It shows the details about the purchase made by the organization along with the price and dates

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It consider language barriers and localization tasks: People with no understanding of French must be able to use the product. Or you may set accessibility requirements: Keyboard users who navigate a website using <tab>, must be able to reach the "Add to cart" button from a product page within 15 <tab> clicks
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 roll back all related updates when any update fails.

NFR-4	**Performance**	Performance is a quality attribute that describes the responsiveness of the system to various user interactions with it. Poor performance leads to negative user experience. It also jeopardizes system safety when it's overloaded.
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**	Scalability has both hardware and software implications. For instance, you can increase scalability by adding memory, servers, or disk space. On the other hand, you can compress data, use optimizing algorithms, etc. The website attendance limit must be scalable enough to support 200,000 users at a time.