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

Date	13 October 2022
Team ID	PNT2022TMID33075
Project Name	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. Confirmation via Business whatsapp.
FR-3	**User Login**	Login with Email. Login with Username & Password. Login with OTP.
FR-4	**User Profile**	Personal information of user such as name, contact details. Professional information of user such as buying & selling details, profit & loss details.
FR-5	**Data Gathering**	Collect data from users, collect other resources from various platforms (E.g. Weather, Trending).
FR-6	**Reviews**	Getting commends and feedbacks from users.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Clear and intricacies User Interface, Unobtrusive responsiveness for all kind of users (small, big owners of retail stocking).
NFR-2	**Security**	Only authorized people can access the resources. Provide security for owner's details & data.
NFR-3	**Reliability**	Assured to Provide accurate information about products, so users don't want to suffer for overstocking & understocking.
NFR-4	**Performance**	The system can handle multi data about multi products of multi retailers. The system will be designed for capable of seamless performance.
NFR-5	**Availability**	The system can give information that user demand from the data they given. All time availability of information gives user more visibility about the stocks and other stock related information.
NFR-6	**Scalability**	System can support many number of users at the time. Also support very few users without any underwhelming.