

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

Date	17 October 2022
Team ID	PNT2022TMID38670
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
FR-3	Inventory Tracking	Product Tracking Advanced Inventory tagging Audio Trail
FR-4	Purchasing	Purchase Order Back Ordering Supplier Management
FR-5	Shipping	Labeling Multiple Shipment Orders
FR-6	Demand Forecasting	Sales Control Finance Arrangement

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Usability refers to the ability to use a particular product including elements such as Navigation, Purpose of feature, and Quality of performance.
NFR-2	Security	Security is a process by which a retail business is going to ensure that its goods are being sold to the shoppers in a safe and secure manner.
NFR-3	Reliability	The probability that a product will operate properly over a pecified period of time under stated conditions of use.
NFR-4	Performance	This shows how many visitors a retailer turns into a buyer.It's easy to calculate if you already know your retail customer traffic
NFR-5	Availability	Availability of products for sale to a consumer, in the place they expect it to be and at the time they want to buy it.
NFR-6	Scalability	Scalability describes an institution's ability to handle increased market demands.