

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

Domain	Data analytics
Team ID	PNT2022TMID34942
Project Name	Retail Store Stock Inventory Management System
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	User Login	Login using User id Login using Email Login using Password
FR-4	Profile Update	Update after login
FR-5	Upload Data	Collect the customer details Collect the sales
FR-6	Reviews	The user can provide reviews and comments about the services and products.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly interface,helpful for both small and large retail store owners,stock suppliers and highly responsive.
NFR-2	Security	Only authorized people can access the resources.Its highly secured with unique credentials for every individual users.Hence the data is secure.
NFR-3	Reliability	Assured to provide correct stock updates in spite of a large amount of products. Strictly reduces both overstocking and understocking.
NFR-4	Performance	The proposed system is capable of handling 100 users accounts and 1000 orders per day without affecting its performance.
NFR-5	Availability	Available for both small and large retail store owners,stock suppliers
NFR-6	Scalability	The proposed system can handle any growing amount of user login,registration,adding resources to the system simultaneously.