

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

Date	19 October 2022
Team ID	PNT2022TMID24361
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Stock List	View in their Directory
FR-4	Stock Expiry List	List through Email
FR-5	Alert Message to Refill Stock	Alert message through Email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Clear view about Stock Details which provides benefit to the users.
NFR-2	Security	Only authorized users can log in to view that provide security to the users.
NFR-3	Reliability	Information about one store cannot be viewed by the other store users.
NFR-4	Performance	Available and required amount of stock can be viewed in dashboard by visualization hence the user can make decision according to it.

NFR-5	Availability	Visualization shows the stock availability and the products which need to be refilled can be viewed that prevent user from last minute shortage.
NFR-6	Scalability	Product expiry date can be viewed which helps the user to sell those product in prior that provides benefits to the shop owner.