

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

Date	15 October 2022
Team ID	PNT2022TMID01394
Project Name	Project – INVENTORY MANAGEMENT SYSTEM FOR RETAILERS
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	The User & Retailer has his/her own ID to get registered in the portal
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Dashboard	The collected data are found in visualized format and the prior data are analyzed.
FR-4	Dataset	The Inventory record and Purchase record are collected and consolidated as dataset
FR-5	Report Generator	The periodic reports of Customer and the Retailer are reported
FR-4	Exploration	The data exploration on available dataset

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	No prior experience required to use the dashboard. People with basic understanding can use the system.
NFR-2	Security	Only registered user can use this application.
NFR-3	Reliability	The Inventory system ensures the reliability
NFR-4	Performance	Gets updated regularly to improve the performance of the application.
NFR-5	Availability	The availability of dataset must be constrained for accurate data
NFR-6	Scalability	Any kind of data can be explored and the system is quite expandable