

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	29 Oct 2022
Team ID	PNT2022TMID44584
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.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	This cloud web application makes the process of inventory management a lot easier which saves money and time both. This system is highly responsive to both desktop and mobile users.
NFR-2	<b>Security</b>	Inventory security aims to prevent inventory losses – for example, due to incorrect storage, theft, or incorrect incoming goods inspection – so that the correct stock is always available.
NFR-3	<b>Reliability</b>	The availability of products should be properly updated for customer satisfaction. The out-of-stock information should be notified. The system must give accurate inventory status to the user continuously.
NFR-4	<b>Performance</b>	The companies have to design and operate materials management and product distribution functions effectively. Inventory control systems enable a business to determine and maintain an optimum level of investment in inventory in order to achieve the required operational performance.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	<b>User Registration</b>	Registration through Form Registration through Gmail
FR-2	<b>User Confirmation</b>	Confirmation via Email Confirmation via OTP
FR-3	<b>User Login</b>	Username/Email-ID Login with Password
FR-4	<b>Admin Login</b>	Login with Username/Email-ID Login with Password
FR-5	<b>Inventory Management</b>	Track quantity of products present in inventory at any instant

FR-6	Tracking of stock	Notifications through Email
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#### Non-functional Requirements:

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

NFR-5	Availability	The software will be available only to the administrator of the organization and the product, as well as customer details, will be recorded by him. He can manage the inventory.
NFR-6	Scalability	The System can manage large inventory and provides quick access to the inventory in no time.