

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

Team ID	PNT2022TMID44584
Team Leader	K.JEEVITHA
Project Name	Inventory Management System for Retailers
Team Members	T.DEVI T.SOLAIMATHI M.VIGNESH

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 Login	Username/Email-ID Login with Password
FR-4	Admin Login	Login with Username/Email-ID Login with Password
FR-5	Inventory Management	Track quantity of products present in inventory at any instant
FR-6	Tracking of stock	Notifications through Email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	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	Security	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	Reliability	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	Performance	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.

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.