

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

Date	03 October 2022
Team ID	PNT2022TMID43190
Project Name	Inventory Management System for Retailers in Cloud Application Development
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	Successful Log in	Notification through Email Notification through Phone number
FR-4	Update inventory details	Notification through Email Notification through Phone number
FR-5	Add new stock	Notification through Email Notification through Phone number
FR-6	Unavailability of stock	Alert notification through Email, Phone Number

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The System will automatically send an email alert to the retailers if there is no stock found in their accounts. So that they can order new stock.
NFR-2	Security	Retailers can access their accounts by logging into the application. With Registered Mail id only retailers can log into the application. So it provide authentication.
NFR-3	Reliability	Inventory tracking helps to improve inventory management and ensures that having optimal stock available to fulfill orders.
NFR-4	Performance	User can track the record of goods available using the application.
NFR-5	Availability	The availability of product is just one way in which an inventory management system creates customer satisfaction

NFR-6	Scalability	Scalability is an aspect or rather a functional quality of a system, software or solution.
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