

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

Date	03 october 2022
Team ID	PNT2022TMID10787
Project Name	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	Registration through Form Registration Registration through Gmail Registration through Username and Password
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Login	Log in to the programme using your Gmail account, username, and password for authentication.
FR-4	Dashboard	See the product details and updation.
FR-5	Ordering	Place necessary items in a cart before placing an order.
FR-6	Restocking	Ordering additional goods when supplies are low.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Creating a learning curve for the website during design and development. This software helps speed up your in-store inventory process cycles. Attractive looking web-page. Make sure that it will reduce error because human intervention is less in this system.
NFR-2	Security	The security should be strong by protecting the firewalls by using separate user account and credentials Log in system is used to prove authentication and authorization.

NFR-3	Reliability	No more missing components of finished products at the main site or assembly place.so customer will easy to find the new products.Should have more efficient ordering practices.
NFR-4	Performance	By seeing the updated stocks and finished product in the dashboard it reduces the time to searching in the full products. It reduces the time for restocking period and predicts the best selling products. This makes the business more productive and profitable by having an organized managementsystem.
NFR-5	Availability	By supplying more goods and new products will enthusiastic the customer to buy more products and showing the offers of the product will make more eager to buy the products easily.
NFR-6	Scalability	Availability of the new features can be introduced easily by the notification message easily and leads to long period. Reusing the code can be done to add any new features. IBM Container in Docker registry is used which ishighly scalable.