

## Project Design Phase-II

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

Date	19 October 2022
Team ID	PNT2022TMID04548
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	<b>User Registration</b>	The user is registered through his/her Mobile Number or email. All the required relevant details are got from the user
FR-2	<b>User Confirmation</b>	Confirmation of Mobile Number of the user via OTP . Or using the OTP sent to email
FR-3	<b>Product Management</b>	Quick to track the available stock and get product information (sold and available). Easily produce reports for single or multiple sold products.
FR-4	<b>Corrections &amp; changes</b>	Able to make transaction's insertion, modification, deletion, cancellation, and error checking.
FR-5	<b>Requirements for searching/reporting</b>	How users can search for and obtain data that is described in this area of the requirements.
FR-6	<b>Backup &amp; Restoration</b>	The data is frequently updated to a cloud. This is very useful to access the application from anywhereThis feature will be necessary if your machine crashes and all of your data is lost.

## Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	How well does the software's implementation match the system's intended use.
NFR-2	<b>Security</b>	How will data be stored, and who will have access to it.
NFR-3	<b>Reliability</b>	The chance and percentage of the software working without failure for a given number of uses or period of time is referred to as reliability.
NFR-4	<b>Performance</b>	It is a measure of how quickly a system responds to data requests based on throughput and utilization.
NFR-5	<b>Availability</b>	This feature specifies how long the system operates, how long it takes to fix a problem, and how long it takes between lapses.
NFR-6	<b>Scalability</b>	Enjoy better performance without the hassle of relying on too many staff members for stock management.