

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

Date	15 October 2022
Team ID	PNT2022TMID34985
Project Name	Inventory Management System For Retailers
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	<b>User Registration</b>	<ul style="list-style-type: none"><li>➤ Registration through Form</li><li>➤ Registration through Google Account</li></ul>
FR-2	<b>User Confirmation</b>	<ul style="list-style-type: none"><li>➤ Confirmation via Email</li></ul>
FR-3	<b>Dashboard</b>	<ul style="list-style-type: none"><li>➤ Displays the alerts about the quantity of stocks</li><li>➤ Displays trends and patterns in the sales of the products</li><li>➤ Provides information about sales activities and top selling products</li></ul>
FR-4	<b>Alert</b>	<ul style="list-style-type: none"><li>➤ Alerts the retailer about low quantity of stocks</li><li>➤ Alerts the retailer to discontinue a particular product if its sales are too poor in recent times</li><li>➤ Alerts the retailer about the ideal restock quantity for products which have less demand in recent times</li></ul>
FR-3	<b>Real Time Tracking</b>	<ul style="list-style-type: none"><li>➤ User can track the status of the stock after dispatching it to delivery.</li></ul>

## Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	➤ The application should have a search bar for searching products based on keywords.
NFR-2	<b>Reliability</b>	➤ The application should provide appropriate and verified information about the availability of the stocks.
NFR-3	<b>Performance</b>	➤ Making the user to get fond of using the application as it will be more efficient and accurate about the stock storage and exchange information.
NFR-4	<b>Scalability</b>	➤ Get more users by encouraging social sharing.