

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

Date	03 October 2022
Team ID	PNT2022TMID42578
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	User Registration	Registration through Form.
FR-2	User Login	Logging in with username and password.
FR-3	Dashboard	IM, Customer Database and Analytics.
FR-4	Inventory Management	View, Add, Delete Stock & Billing
FR-5	Catalogue	Displaying the stock availability to customer or wholesaler
FR-6	Feedback	Collecting the feedbacks from customer

## Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Simple and Easy to navigation for better user satisfaction, making responsible for mobile and desktop views.
NFR-2	<b>Security</b>	Security can be managed by user's login credentials. Can reduce the risk of hacking by verifying with customers login.
NFR-3	<b>Reliability</b>	Sites or apps should be reliable ie., more number of users should able to login without any site error and shouldn't be busy. To overcome this, avoid over, under and dead stock .
NFR-4	<b>Performance</b>	By predicting the dead stocks, we can able to make efficient performance. Convenience becomes easier and reduces the costs, saving time and make better selling products.
NFR-5	<b>Availability</b>	Should make all kind of needy products from kids to older ones. Model should establish proper connection at any time. IBM DB2 establishes the same.
NFR-6	<b>Scalability</b>	Code should be made of re-using the same for updating the existing ones. Feedback should be taken from customer to provide enhanced model.