

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

Date	03 October 2022
Team ID	PNT2022TMID51291
Project Name	Project -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 registration form. Registration through One-Tap Google Sign-in.
FR-2	User Confirmation	Confirmation via Email. Confirmation via OTP.
FR-3	Audit Monitoring	Monitor the financial expenses carried out throughout the whole time (from receiving order of the product to delivery of the product). The technique of tracking crucial data is known as audit tracking.
FR-4	Historical Data	Data of everything should be stored for analytics and forecasting.
FR-5	Product management	Track information of suppliers and manufacturers of the product. Quickly produce reports for single or multiple products. Track information of dead and fast-moving products.
FR-6	Security Policy	User data must not be misused. They can only be used for user preferred advertising purposes.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	People with some impairments should also be able to use the application with ease. The UI should be accessible to everybody despite of their diversity in languages.
NFR-2	<b>Security</b>	Only authorized users can access the system with their credentials. Administrator or the concerned security team should be alerted on any unauthorized access or data breaches so as to

		rectify it immediately. The security requirements deal with the primary security.
NFR-3	<b>Reliability</b>	The users must be intimated by the periodic maintenance break of the server so that they will be aware of it. The software should be able to connect to the database in the event of the server being down due to a hardware or software failure.
NFR-4	<b>Performance</b>	Performance of the app should be reliable with high-end servers on which the software is running.
NFR-5	<b>Availability</b>	The software should be available to the users 24/7 with all functionalities working.
NFR-6	<b>Scalability</b>	The whole software deployed must be easily scalable as the customer base increases.