

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

Date	03 October 2022
Team ID	PNT2022TMID39975
Project Name	Retail Store Stock Inventory Analysis
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 through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User login	Login with user name and password.
FR-4	Forget password	Link to reset the user id and password will send to the customer mail.
FR-5	Authentication	The customer account security can be enhanced by two step verification.
FR-6	User interface	The application navigation is smooth and the user can access the software smoothly.
FR-7	Main dashboard	The dashboard contains the page for uploading, adding and deleting the inventory data. The retailers are authorised to do this activity after verifying them.
FR-8	Management of stock	Details about stock availability.
FR-9	Review report	The report to improve the sales. The details of the selling and dead stock will be generated.
FR-10	Check inventory	The retailer can check the inventory on daily basis.
FR-11	Support team	Separate team will be allocated for the retailers to give suggestion to improve the sales and to improve profit.
FR-12	Transaction processing	The transaction of the money is done in a secured way. The user card details are stored securely.
FR-13	Billing system	Bill is automatically generated for the stock.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It should be user friendly. The retailer and the employee should know how to access all the

		settings and content in the model. The model is available for both mobile and pc. By using cloud storage we can store huge inventory without any hindrance and data can be fetched easily.
NFR-2	<b>Security</b>	The inventory should be stored in a secured by protecting them from the unknown user. The retailer and employee create unique account with user id and password to login into the system. The details are secured.
NFR-3	<b>Reliability</b>	The system must perform without any failure in most of the user case. The analysis should not contain any inaccurate data.
NFR-4	<b>Performance</b>	The system provide the analysis quickly. The tracking of inventory should be easy.
NFR-5	<b>Availability</b>	User can access the system across the world according to their needs. The system is available for both small and huge retailers.
NFR-6	<b>Scalability</b>	The system must be scalable enough to support large database to visualize at the same time while maintain optional performance. The software should handle the increased usage.