

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

Date	03 October 2022
Team ID	PNT2022TMID18485
Project Name	Project – Retail Store Stock Inventory Analytics
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login using userID and Password
FR-4	Profile Settings	Update Password Update the Details like Address and Contacts
FR-5	Dashboard	Gives the monthly sales of each product Analyzing the most products sold periodically Monitoring Stocks and giving alert messages Monitor Demand and Supply
FR-6	Bill Generation	To generate bills for received Stock

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	To avoid overstocking and understocking to minimize loss and maximize profit. Supported through the browser.
NFR-2	Security	Details like contacts and addresses are stored securely in the cloud.
NFR-3	Reliability	Avoids overstocking and understocking Ensure accurate inventory Prevent order delays
NFR-4	Performance	This model can predict profitable stocks. The accuracy of this model has been ensured through various accuracy algorithms
NFR-5	Availability	It is available 24*7 and this model is suitable for all retail stores and can be accessed from anywhere with help of a browser and internet supporter.
NFR-6	Scalability	More users can be accessed at the same time.