

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

Date	19 October 2022
Team ID	PNT2022TMID04961
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 Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login using User id Login using Email Login using Password
FR-4	Stock management	Adding or Removing stocks based on the users needs. Analyse the stock details periodically. Generate different barcodes for different products.

FR-5	Billing	Billing will be made easier through barcodes. Receipt Generation.
FR-6	Review	Customer can give reviews on the product.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	An analytics platform helps you understand your customers. It allows you to save on costs. It helps you improve your store's indoor conditions.
NFR-2	Security	Protecting digital information from unauthorized access, corruption, or theft throughout its entire lifecycle.
NFR-3	Reliability	Prevents from loss. Helps in stock prediction.
NFR-4	Performance	The solution offers lower request time for any request processed. Receipt Generation.

NFR-5	Availability	<p>Can be used by both retailers and customers for all devices.</p> <p>The solution understands the request made to server to provide efficient results by prioritizing the request made and load balancing.</p>
NFR-6	Scalability	<p>Proposed solution offers higher compatibility with any kinds of working environment.</p> <p>Easier for disk space management and obtaining results.</p> <p>Works with lesser down time when new functional are being tested and added to solution.</p>