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

Date	12 October 2022
Team ID	PNT2022TMID48371
Project Name	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	Customer Registration	User can register by using Signup page for job or order the product. Registration via gmail or through google account can take place.
FR-2	Customer Confirmation	Verification via receiving one time password through gmail. Confirmation takes place by entering the OTP.
FR-3	Admin Registration	Admin can register by using Signup page. Registration via gmail can take place.
FR-4	Admin Confirmation	Admin can use their ID details. Might use the password for confirmation.
FR-5	Admin Management	Managing the customers and maintain their informations. keep the audit tracking. Transactions corrections,adjustments and cancellations.
FR-6	Inventory Management	Explore and keep tracking of inventory objects. Demand forecasting analysis. Manage stock inquiries and track back ordering.
FR-7	Warehouse Management	Track the stock inflows into and stock outflow from the warehouse. Track the orders and accomodation space for goods or products.
FR-8	Customer Insights	Visualize the report and trends of product based on analysis. Alerting the stock remainders.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This application consist of user friendly interface. The iterative dashboard provide better stock inventory maintenance resources and it also supports the usuage of datasets in csv, excel or spreadsheets file formats etc.
NFR-2	Security	This application does not allows unauthourized person to access the inventory maintenance data, customer details analyzed and visualized informations, stock reports etc. The backup has been maintained inorder to neglect the data loss.
NFR-3	Reliability	This application has the capability to analyze effectively and generates accurate results. So customer can manage their stocks in efficacious manner. It genuinely improves the customer satisfaction.It completely depends on the efficiency of the dataset.
NFR-4	Performance	This system has the ability to deal and working with huge amount of data and provide effective responsive outcomes to the end user. It has the capability to provide expected level of service to the customers and increase the customer retention rate.
NFR-5	Availability	The application has the 24/7 availability of service for functional and usuable for completing or fulfilling a customer's or business requirements. So user can use this application's features whenever they want to do work with this platform.
NFR-6	Scalability	This application has the scalabilty to implement the existing features as well as the proposed aminities for product maintenance without minimize the efficiency of the application.It enables the retail stores to increase their point of sales and improves the stock maintenance.

NFR-7	Maintenance	This application has been updated based on the end user requirements and trends inorder to attract the customers. Through maintenance this system has exhibits better client services and establishing cordial relationships with the customers.