

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID29998
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 Linked IN Registration through Website Registration through G-mail
FR-2	User Confirmation	Confirmation via Email Confirmation Confirmation via OTP
FR-3	User Login	Login with Username Login with Password Login with Email Login with Mobile Number
FR-4	Profile update	storing the customers and merchants details in database . Update their Contact details Update the user credentials
FR-5	Uploading Data	Uploading the Retail store stock inventory data set to the Cognos analytics tool to visualize the data which helps to the predict the Profit/Loss count and future Sales value
FR-6	Ratings and Reviews	By using customer valuable feedback , we can make a better business Intelligence in order to make customers And shop owners more flexible in buying and selling stocks with proper measures.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	We should provide our business analysis model to be supported in any devices like Laptop , Mobiles , PC's and also in computer . Hence it is more flexible to use.
NFR-2	Security	The person who has been verified and created an account , can given access to visit our Business intelligence analysis . If the person don't have any proper credentials cannot be accessed.
NFR-3	Reliability	Stocks can be balanced exactly without having any fluctuations in terms of excess flow or under flow of stocks. We can ensure accurate inventory valuation.
NFR-4	Performance	The system must be capable of handling multiple users at a time flexibly without causing any errors
NFR-5	Availability	This model is suitable for all kind of retail stores. It can give retailers real-time visibility into stock levels , avoid stock imbalance, keep inventory carrying costs low and help meet customer expectations.
NFR-6	Scalability	More number of users can be accessed at the same time without facing issues is to be maintained regularly by maintainance . The system must support implementing new features and modules without disrupting existing processes.