

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID32520
Project Name	Project - 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 username and password
FR-4	Profile update	Update the user credentials Update the contact details
FR-5	Uploading Data	Upload the customer and product details with product photos. This shows us the quantity of stocks available thereby we can maintain the inventory
FR-6	Recommendation	User will request for item and recommendations are also made
FR-7	Ratings and Reviews	The retailers can rate and review

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This model mainly aims to maintain decent inventory and to prevent overstocking and reducing loss
NFR-2	Security	Only authorised users can login the account
NFR-3	Reliability	Used to identify the pattern of product and sale and to get proper inventory stocking recommendation over products
NFR-4	Performance	By this model we can eliminate dead stock and making good revenue and can analyse the selling pattern of stocks by connecting the system with the database of the retail shop
NFR-5	Availability	It can be applied to all kinds of retailers. It provides real time stock level
NFR-6	Scalability	Multiple users can access the system. It is very dynamic and accurate in analysing the pattern.