

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

Date	21 October 2022
Team ID	PNT2022TMID50870
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	User Registration	Registration through Form Registration through Gmail
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 and the contact details
FR-5	Uploading Data	Collect the customer details as well as product details and the product details This model predicts the best sold products and also it adds the available stocks
FR-6	Recommendation	User will request for item Get the item recommendations
FR-7	Ratings and Reviews	The user i.e. retailer of any shop can give their ratings and view of this model

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	They are more likely to have enough inventory to capture every possible sale while avoiding overstock and minimizing expenses

NFR-2	Security	This can be used only by the users who have their pp login credentials
NFR-3	Reliability	<p>Avoid over or under stocking</p> <p>Ensure accurate inventory valuation Per order delays</p> <p>Reduced dead stock</p>
NFR-4	Performance	<p>From this, the model can predict the dead stocks and highly profitable stocks. The accuracy of</p> <p>this model will be ensured by checking multiple times.</p>
NFR-5	Availability	<p>This model is suitable for all kinds of retail stores. It can give retailers real-time visibility not be able to inventory carrying costs low and help meet customer expectations</p>

NFR-6	Scalability	<p>More users can be accessed at the same time when the server is overloaded up to the satisfaction of the user.</p>
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