

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

Team ID	PNT2022TMID51842
Project Name	Project - Retail Store Stock Inventory Analytics

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	User Registration	Registration through using mail id, store name and password.
FR-2	User Confirmation	Confirmation via Email OTP.
FR-3	User Login	Login at user front end web page.
FR-4	Profile update	Update the user credentials. Update the store details. Update the Contact details.
FR-5	Uploading Data	Collect the product details. Upload the product details and enters the customer purchased product details and the track the product.
FR-6	Ratings and Reviews	The user retailer of any shop can give their ratings and view of this models.
FR-7	Add multiple accounts	The user creates multiple accounts to add another branch of store.
FR-8	Delete Accounts	The user can remove the branches unwanted account.
FR-9	Track a product	If the product stock reaches the low level it is intimates to the retailer.

### Non-functional Requirements:

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	They are more likely to have the right amount of inventory to take advantage of every potential sale while avoiding overstocking and cutting costs. Both desktop and mobile browsers can handle these pages
NFR-2	<b>Security</b>	This can be used only by the user who have their proper login credentials.
NFR-3	<b>Reliability</b>	Avoid over or under stocking Ensure accurate inventory valuation The user can prevent stock level is low.
NFR-4	<b>Performance</b>	In a departmental store, the billing technique is digitalized. From this, the model can predict the dead stocks and highly profitable stocks.
NFR-5	<b>Availability</b>	The user can access in devices phone, computer, tabs and laptop.
NFR-6	<b>Scalability</b>	Many users can access a product detail simultaneously without any glitch.