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

Date	20 October 2022
Team ID	PNT2022TMID54263
Project Name	Project -Retail Store Stock Inventory Analytics
Team Members	Prithiv R S, Lokeshwaran k, Maharaja AbishekA, Mahammad Mubharak M
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 G-mail Registration through Form Registration through Linked IN Registration through Website
FR-2	**User Confirmation**	Confirmation via Email Confirmation via OTP
FR-3	**User Login**	Login with username Login with password
FR-4	**Profile update**	Update the user credentials Update the Contact details and required additional (address)information.
FR-5	**Uploading Data**	Collect the customer details as well as product details Upload the product details This model predicts the best sold products and also, it analysis the available stocks
FR-6	**Recommendation**	User will request for Item Get the Item recommendations

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The solution can be used for gaining overall information the store They are more likely to have enough inventory to capture every possible sale while avoiding over stock and minimizing expenses.
NFR-2	**Security**	Proper authentication. This can be used only by the users who have theirproper login credentials
NFR-3	**Reliability**	Accurate insights generation Avoid over or under stocking Ensure accurate inventory valuation Exact sales and stock reports. Reduce dead stock
NFR-4	**Performance**	In retail stores, the billing technique is digitalized. The database of the customer that is the name of the customer, mobile number, address and the purchase details of the customer are included in the dataset. From this, the model can predict the dead stocksand highly profitable stocks. The accuracy of this model will be ensured by checking multiple times.
NFR-5	**Availability**	This model is suitable for all kind of retail stores. It can give retailers real-time visibility into stock levels, avoidstock outs, 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 any issues. The feedback of the users will be taken and be proceeded further up to the satisfaction of the user.