Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID29976
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 via OTP
FR-3	User Login	Login with Username Login with Password Login with Email Login with Mobile Number
FR-4	Profile update	Storing Customers details in database Update the user credentials Update the contact details
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 available stock in the store.
FR-6	Ratings and Reviews	By noting customers valuable feedback , we try to resolve the problems that customers is facing and make customers to feel happy.

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 over stock and minimizing expenses. This model can be supported on both desktop and mobile browsers.
NFR-2	**Security**	If the person don't have any proper credentials cannot be accessed our analysis. The person who has been verified and created an account , can given access to visit our Business intelligence analysis .
NFR-3	**Reliability**	Stocks can be balanced exactly without having any fluctuations in terms of excess flow or under flow of stocks.by which we can ensure accurate inventory evaluation.
NFR-4	**Performance**	The system must be capable of handling multiple users to access at a time flexibly without causing any errors .
NFR-5	**Availability**	The model is suitable for all kind of retail stores. It can give retailers real-time visibility into stock levels, avoid stock outs, keeps 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.