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

Date	03 October 2022
Team ID	PNT2022TMID21204
Project Name	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 Gmail and create a password
FR-2	User Confirmation	Confirmation via Email
FR-3	User login	Login using their own credentials
FR-4	Stock updating	• Checking the availability of the stocks • Adding or removing the stocks
FR-5	Stock Management	• Analyze the stocks • Notification on shortage of stocks
FR-6	Report Generation	Sales report generation using IBM Cognos

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Stock management is made easier using simple user interface.
NFR-2	**Security**	Email and password is the login credential used for authentication.
NFR-3	**Reliability**	• Analyze and display the accurate number of stocks available • Notify whenever required about the stocks
NFR-4	**Performance**	Managing bulks stocks with proper storage and processing it in right time. Frequently updating the stock availability.
NFR-5	**Availability**	• Stock information can be viewed whenever required • Stock information updated now and then
NFR-6	**Scalability**	New features can be added based on the requirement.