

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

Date	26 October 2022
Team ID	PNT2022TMID22699
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	Customer Registration	Customers can register using their Gmail account.
FR-2	User Confirmation	The consumer will receive mail confirmation following registration.
FR-3	Visualizing data	Using IBM cognos Analytics, a user can see the regular trends in flight delay.
FR-4	Generating Report	Viewing the flight delay report is possible.

**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 enough inventory to capture every possible sale while avoiding overstock and minimizing expenses.
NFR-2	<b>Security</b>	This can be used only by the users who have their proper login credentials
NFR-3	<b>Reliability</b>	Avoid over or understocking Ensure accurate inventory valuation Prevent order delays Reduce dead stock
NFR-4	<b>Performance</b>	From this, the model can predict the dead stocks and highly profitable stocks. The accuracy of this model will be ensured by checking multiple times.
NFR-5	<b>Availability</b>	This model is suitable for all kinds of retail stores. It can give retailers real-time visibility into stock levels, avoid stockouts, keep inventory carrying costs low and help meet customer expectations