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

Date	16 October 2022
Team ID	PNT2022TMID21953
Project Name	Project - Global Sales Data Analytics
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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 or Google Business
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Input	Data uploaded must be of proper format
FR-4	Data Verification and Validation	Data is cleaned and verified for outliers, duplications
FR-5	Data Visualization	Proper graphs and charts are chosen for a particular set of data and shown
FR-6	Business Decisions	Recommendations are made according to data

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system must be easy to use. The user must be able to upload their sales data easily and filter it in our system.
NFR-2	**Security**	User sales data must not be misused. The user's login must be secure.
NFR-3	**Reliability**	User's data and visualizations must stay in the system without crashing. The system's reliability must be ensured by storing proper copies and results of data with their appropriate visualizations.

NFR-4	**Performance**	The system must be able to withstand large volumes of data and enable visualizations. It should allow multiple team members to access data at the same time. The website must be flexible to different types of data.
NFR-5	**Availability**	Uploaded data must be available at all times and be fault tolerent.
NFR-6	**Scalability**	It should be able to produce advanced graphs and provide proper interpretation of data over large volumes.