

Project Design Phase-II Functional Requirements

Date	5 November 2022
Team ID	PNT2022TMID51031
Project Name	Global Sales Data 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 Gmail or Google Business
FR-2	User Confirmation	Confirmation via Email and OTP
FR-3	User Input	Data uploaded must be of proper format
FR-4	Data Verification and Validation	Data is cleaned and checked for duplicates and outliers
FR-5	Data Visualization	A certain collection of data is chosen and shown with the appropriate graphs and charts
FR-6	Updation	Sales Report should be generated for every 24 hours
FR-7	Analysis	Analyse the data according to the set of past data of the multiple users
FR-8	Usefull insight Dashboard	UI shows useful Insights to improve the sales Dashboard for Store includes Sale-products, Customer Interest, category wise sales, and Useful insight to improve sales.

Non-functional Requirements:

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

FR No:	Non-Functional Requirement	Description
NFR-1	Usability	The programme must be simple to use. The user must be able to quickly and conveniently upload and filter their sales data into our system
NFR-2	Security	Don't utilise user sales data improperly. The user must use a secure login
NFR-3	Reliability	Data and visualisations provided by the user must remain in the system without crashing. The system's dependability must be assured by conserving accurate copies of the data and its outputs, together with the right visualisations
NFR-4	Performance	The system needs to provide visualisations and handle heavy data loads. It ought to offer simultaneous access to data by many team members. The website needs to be adaptable to many sorts of data
NFR-5	Availability	The uploaded data must always be accessible and fault tolerant
NFR-6	Scalability	The methodology is quite adaptable and may easily raise the estimation for various users, making it possible to apply the suggested solution