

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

Date	13 November 2022
Team ID	PNT2022TMID51329
Project Name	Project – 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 Input	the inputs include business processes, the internet and social media, and machines and internet of things..
FR-2	Website comparison	analysis tools help optimize your website, improve your search rankings, and drive more traffic to your website.
FR-3	Feature Extraction	Feature extraction refers to the process of transforming raw data into numerical features that can be processed while preserving the information in the original data set
FR-4	Prediction	Feature extraction refers to the process of transforming raw data into numerical features that can be processed while preserving the information in the original data set
FR-5	Classifier	Predictive (forecasting) Descriptive (business intelligence and data mining) Prescriptive (optimization and simulation) Diagnostic analytics.
FR-6	Events	Product analytics data is typically broken down into units called events. An event describes an action your user takes with your product.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Data usability ensures your organization can leverage customer knowledge and insights to drive business outcomes quickly, easily and effectively.
NFR-2	Security	Security data analytics solutions provide tools to investigate past or ongoing attacks, determine how the IT systems were compromised, and identify remaining vulnerabilities.

NFR-3	Reliability	Improve data collection. Improve data organization. Cleanse data regularly. Normalize your data. Integrate data across departments. Segment data for analysis.
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NFR-4	Performance	<p>Evaluate and measure employee performance. ...</p> <p>Identify employee trends and other factors that impact their work. ...</p> <p>Establish employee benchmarks. ...</p> <p>Increase employee retention and engagement. ...</p> <p>Understand task duration and workflow gaps.</p>
NFR-5	Availability	<p>Sales analytics refers to the use of technology to collect and use sales data to derive actionable insights. It is used to identify, optimize, and forecast sales. It uses different metrics and KPIs to plan an efficient sales model that generates higher revenue for the business.</p>
NFR-6	Scalability	<p>Scalability is the measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.</p>