

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	17 October 2022
Team ID	PNT2022TMID42755
Project Name	Project – Global Sales Data 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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	Account Creation	Create an account in the Profile Dashboard
FR-4	Input Credentials	Uploading your dataset Analyzing the product , sales and market rate using dashboard
FR-5	Processing Methods	Using IBM Cognos Analytics Dashboard Using Prediction algorithm to find sales and marketing data rate
FR-6	Output Credentials	Using the Dashboard and Algorithm they know about the marketing level and way to predict the future sales and marketing levels.

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The user can be able to interact with the system user friendly. The system is built with simple modules and algorithms.
NFR-2	<b>Security</b>	The system administrator can only permit to access and modify the data in the system
NFR-3	<b>Reliability</b>	The database update process must roll back all related updates when any update fails. The dataset will not be modified by anyone only the users can be able to modify the dataset.
NFR-4	<b>Performance</b>	The system responds to certain user's actions under a certain workload. A user waits before the target operation happens given the overall number of users at the moment.
NFR-5	<b>Availability</b>	If the application can contain the histrological sales and marketing data and the system is accessible to a user at a time. While it can be expressed as an expected percentage of successful requests, you may also define it as a percentage of time the system is accessible for operation during some time period.
NFR-6	<b>Scalability</b>	The more users are able to use the dashboard at the same time and the model can successfully predict the future sales.