

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

Date	11 October 2022
Team ID	PNT2022TMID37308
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	Token generation	Token Generation using UUID.
FR-2	Application Activation	<ul style="list-style-type: none">• Confirmation/Validation of Token.• Activation of Software.
FR-3	Getting user Input as CSV format	<ul style="list-style-type: none">• Get Input.• Validate Input.• Clean Input.
FR-4	Generate Visualization	<ul style="list-style-type: none">• Convert Input to Processing Format.• Generate Visualization Using Matplotlib.
FR-5	Add Manual insights	Get Manual Insights from user.
FR-6	Save in DB/Filesystem	Save Necessary data in user filesystem or in mysql database.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Needs to be actually functional and beneficial for the user.
NFR-2	Security	UUID token validation for one time.
NFR-3	Reliability	Must have reasonable fault tolerance.
NFR-4	Performance	Must take less System Resource and must be able to generate visualization on all modern hardware.
NFR-5	Availability	24/7 available as it runs on client side only.
NFR-6	Scalability	Automatically scalable as it runs on client's computer.