

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

Date	2 July 2025
Team ID	LTVIP2025TMID48762
Project Name	Strategic Product Placement 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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Data Connection	Connect dataset (CSV) to Tableau
FR-4	Data Cleaning & Transformation	Remove nulls, check duplicates, rename fields
FR-5	Data Visualization	Create bar chart, line chart, area chart, pie chart, donut, waterfall
FR-6	Dashboard Creation	Design interactive dashboards with filters and legends
FR-7	Storytelling	Build a Tableau Story with captions and insights
FR-8	Filtering & Sorting	Enable filtering by Product Category, Promotion, and Foot Traffic
FR-9	Calculated Fields	Create fields like "Price Difference", "Start Value", "Traffic Buckets"

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easy-to-understand dashboards for non-technical users
NFR-2	Security	Store file locally or on secure Tableau Public profile

NFR-3	Reliability	Dashboards work consistently across devices
NFR-4	Performance	Fast filter response and optimized visuals with minimal lag
NFR-5	Availability	Published online through Tableau Public for anytime access
NFR-6	Scalability	Supports more datasets and dimensions in future without redesigning