

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

Date	28 June 2025
Team ID	LTVIP2025TMID48549
Project Name	Cosmetic Insights : Navigating Cosmetics Trends and Consumer Insights with Tableau
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	Dashboard Access & Navigation	View Dashboard Home Filter by Product Category Filter by Region, Gender, Age Drill-down to Product Details
FR-4	Data Visualization	Sales Trends (Line, Bar, Pie Charts) Sentiment Analysis (Donut Chart, Word Cloud) Regional Heatmap Top Product & Brand Comparison

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The dashboard should be user-friendly, intuitive, and easy to navigate for both technical and non-technical users.
NFR-2	Security	The system must ensure secure access through authentication and protect data from unauthorized access or breaches.
NFR-3	Reliability	The dashboard should provide consistent and accurate results under defined conditions without failure.
NFR-4	Performance	Visualizations and data queries should load within 3 seconds for optimal user experience.
NFR-5	Availability	The dashboard should be accessible 99.9% of the time to ensure users can view insights whenever needed.
NFR-6	Scalability	The system should be able to handle increasing data volume, user load, and dashboard complexity without performance degradation.