

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

Date	22 june 2025
Team ID	LTVIP2025TMID49795
Project Name	Cosmetic Insights _ Navigating Cosmetics Trends and Consumer Insights with Tableau
Maximum Marks	4Marks

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 Visualization Dashboard	Display top trending cosmetics products by category
		Filter insights by time range, region, and demographics
		Compare brand performance using sales and sentiment metrics
FR-4	Consumer Behavior Analytics	Track user interaction with products over time
		Generate reports on purchase intent and sentiment analysis
FR-5	Admin Panel	Manage user accounts and permissions
		Upload/update cosmetic trends datasets

Non-functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easy-to-use dashboards for end users and analysts
NFR-2	Security	Secure login and data encryption for user data and analytics
NFR-3	Reliability	The system should operate with minimal errors and high consistency
NFR-4	Performance	Dashboards and queries should load within 2 seconds under normal load
NFR-5	Availability	99.9% uptime to ensure insights are always accessible
NFR-6	Scalability	Ability to handle increasing data volume from global cosmetic markets