

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	June 2025
Team ID	LTVIP2025TMID50930
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 Authentication & Access Control	Users should be able to register, log in, and manage their account securely.
FR-2	Product Trends Analysis	Display trending cosmetic products by category, time period, and region.
FR-3	Sentiment & Review Analytics	Analyse customer reviews to determine product sentiment and satisfaction levels.
FR-4	Interactive Dashboard with Insights	Provide visual dashboards showing sales, product trends, and influencer metrics with filters.

Non-functional Requirements:

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

FR NO.	Non-Functional Requirement	Description
NFR-1	Usability	The system should offer an intuitive and user-friendly interface for all types of users.
NFR-2	Security	The platform must ensure secure login, encrypted data transmission, and role-based access control.
NFR-3	Reliability	The system should operate without failure for at least 99.9% of the time.
NFR-4	Performance	The system should load dashboards and data visualizations within 2 seconds under normal load.
NFR-5	Availability	The platform should be accessible 24/7 with minimal downtime and robust disaster recovery.
NFR-6	Scalability	The system must scale horizontally to handle increasing amounts of data and users efficiently.