Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	24 June 2025
Team ID	LTVIP2025TMID50053
Project Name	Cosmetic Insights : Navigating Cosmetics Trends and Consumer Insights with Tableau
Maximum Marks	4 Marks

Functional Requirements: Cosmetic Insights

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data Collection	Collect raw sales data Collect product information (brand, ingredients) Collect consumer feedback & reviews
FR-2	Data Cleaning & Processing	Clean raw data (remove duplicates, fix missing values) Transform & aggregate data for analysis
FR-3	Data Storage	Store raw data securely Store cleaned & processed data
FR-4	Data Visualization & Analysis	Build interactive dashboards in Tableau Visualize trends by brand, rank, skin type Provide downloadable insights/reports
FR-5	Alerts & Insights Delivery	Generate alerts for negative trends Share insights with product & marketing teams

Non-functional Requirements: Cosmetic Insights

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Dashboards must be user-friendly and intuitive to navigate.
NFR-2	**Security**	Data must be securely stored and accessible only to authorized team members.
NFR-3	**Reliability**	Dashboards must display accurate, up-to-date insights without errors.
NFR-4	**Performance**	Visualizations must load within 5 seconds for standard datasets.
NFR-5	**Availability**	The system should have 99% uptime during working hours.
NFR-6	**Scalability**	Must handle increasing data volumes and new data sources smoothly.