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

Date	27 June 2025
Team ID	LTVIP2025TMID49104
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	Data Ingestion	Upload dataset from Excel (*cosmetics.xlsx*)
FR-2	Sales Visualization	Dashboard for sales quantity per product, category, and month
FR-3	Profitability Analysis	Visualize cost, selling price, and calculate profit margins per product
FR-4	Inventory Monitoring	Track stock levels and restock alerts
FR-5	Geographical Insights	Map store/branch sales by location
FR-6	Customer Segmentation	Filter data by customer type, region, or purchase frequency
FR-7	Trend Analysis	Line charts for sales and revenue trends over time
FR-8	Product Performance	Identify top-selling and low-performing products

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Interactive and user-friendly Tableau dashboards with tooltips, filters, and drill-downs
NFR-2	**Security**	Secure access control with Tableau user permissions
NFR-3	**Reliability**	Data accuracy ensured by importing validated Excel data
NFR-4	**Performance**	Fast loading dashboards with optimized extracts
NFR-5	**Availability**	Hosted on Tableau Public or Server for continuous access
NFR-6	**Scalability**	Ability to handle additional product lines, stores, or customer segments with minimal changes