

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	01 June 2025
Team ID	LTVIP2025TMID51607
Project Name	<b>Cosmetic Insights : Navigating Cosmetics Trends and Consumer Insights with Tableau</b>
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 Upload	Upload cosmetics dataset in CSV format
FR-2	Data Preprocessing	Clean null/missing values, standardize formats, categorize relevant variables
FR-3	Visualization	Design interactive Tableau dashboards showcasing trends, sales, consumer habits
FR-4	Filtering & Interactivity	Enable filters for year, brand, product type, skin type, etc.
FR-5	Dashboard Sharing	Publish dashboards to Tableau Public, generate and manage shareable links
FR-6	Report Generation	Export visual insights and key summaries as high-quality PDF reports

#### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Dashboards must be easy to navigate and interpret for all stakeholders
NFR-2	<b>Security</b>	SecuritySecure Tableau links and anonymized dataset to protect user data
NFR-3	<b>Reliability</b>	Dashboards should load correctly without data loss or rendering issues
NFR-4	<b>Performance</b>	Dashboards should load in under 5 seconds for optimal user experience
NFR-5	<b>Availability</b>	Dashboards must be accessible online 24/7 on Tableau Public
NFR-6	<b>Scalability</b>	System should support future datasets with more years or cosmetic categories