Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	25 June 2025
Team ID	LTVIP2025TMID50397
Project Name	Cosmetic insights: navigating cosmetics trends and consumer insights with tableau

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Personalized Product Recommendation	Collect preferences (skin type, tone, brand) Apply recommendation filters Generate real-time suggestions
FR-2	Trend Analytics Dashboard	Visualize top-selling products Filter by region, skin type, age
FR-3	Brand Comparision	Compare Price vs. Rating Show ingredients & user reviews
FR-4	Consumer Feedback Collection	Product rating submission Comment & share experience

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy-to-use interface with guided navigation for personalized recommendations
NFR-2	**Reliability**	System must consistently recommend accurate results with minimal failure

NFR-3	**Performance**	Recommendations and dashboards should load within 2 seconds under load
NFR-5	**Availability**	99.9% uptime guarantee, ensuring access across all major regions
NFR-6	**Scalability**	Easily scalable architecture using microservices and AWS auto-scaling support