

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

Date	15 February 2026
Team ID	LTVIP2026TMIDS83686
Project Name	ToyCraft Tales – Tableau’s Vision into Toy Manufacturer Data
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 Loading	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	Data Preprocessing	Confirmation via Email Confirmation via OTP
FR-3	Data Ingestion	Upload data files (CSV, Excel) Connect to live cosmetic sales databases Scheduled data sync
FR-4	Insights Dashboard	View trends by category (e.g., state, year, branch) Filter by region, brand, gender, age group Time-based trend analysis
FR - 5	Consumer Behaviour Analysis	Product sentiment analysis Top-reviewed products Customer segmentation via demographics
FR - 6	Export & Share	Export dashboards as PDF/Image Share dashboard link with filters applied

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboard must be simple, intuitive, and easy to understand for business users.
NFR-2	Security	Data handled locally; access control available if published via Tableau Server.
NFR-3	Reliability	Dashboard should display accurate aggregated data without calculation errors.
NFR-4	Performance	Dashboard should load within 2–3 seconds for the given dataset size.
NFR-5	Availability	Dashboard available locally and can be accessed anytime during analysis.
NFR-6	Scalability	System should support additional years or state data without major redesign.