

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

Date	07 feb 2026
Team ID	LTVIP2026TMIDS53415
Project Name	ToyCraft Tales: Tableau's Vision into ToyManufacturer 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	Interactive KPI Dashboard	Displays sales, top-selling toys, active customers, and seasonal trends, filtered by year and region
FR-2	Toy Feature Analytics	Allows users to compare toy models based on features like age group, materials, brand and category
FR-3	Quarterly sales Insights	Visualizes quarterly performance across toy types using donut and bar charts
FR-4	Pricing Trend Dashboard	Displays pricing distributions and discounts by toy type and manufacturer.
FR-5	Geo-Map of distribution & sales	Shows regional sales performance of different toy brands across states in India
FR-6	Narrative Dashboard walkthrough	story-style dashboard walkthrough showing toy market journey with text annotations and visuals

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Performance	Dashboards must load within 3–5 seconds even with filters applied.
NFR-2	Scalability	Must support additional toy lines, brands, or regions in future updates
NFR-3	Responsiveness	Should be fully functional across laptops, tablets, and projectors
NFR-4	Accessibility	Interface should be intuitive, requiring no prior technical experience
NFR-5	Visual comfort	Use calming colors with contrast-optimized legends to reduce user fatigue
NFR-6	Data Accuracy	Ensure calculations (Sales, rating, prices) are validated with source data.

