Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date
01 July 2025

Team ID : LTVIP2025TMID59682

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 Upload	Upload CSV of Toy Manufacturers
FR-2	Data Cleaning	Remove missing values, format columns
FR-3	Visualization	Bar Charts, Pie Charts, Line Charts, etc.
FR-4	Filtering	Year-wise, State-wise, Index-wise analysis
FR-5	User Interaction	Interactive dashboards on Tableau Public
FR-6	Export Option	Download visualizations as images/PDFs

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple and clean dashboard layout for users
NFR-2	Security	Dataset stored locally with access control
NFR-3	Reliability	Tableau visualizations consistently load without errors
NFR-4	Performance	Optimized charts with fewer extract queries
NFR-5	Availability	Dashboards hosted on Tableau Public 24/7
NFR-6	Scalability	Dashboard can be refreshed with larger datasets