

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

Date	20 February 2026
Team ID	LTVIP2026TMIDS38385
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	User Registration	Registration through Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Sales Analysis	Category-wise sales analysis Region-wise sales comparison Monthly & Quarterly trend analysis
FR-4	Profit Analysis	Identify top profitable products Detect loss-making products Region-wise profit distribution
FR-5	Customer Insights	Identify best-selling toys Analyze customer buying patterns Segment analysis (age group / region if available)
FR-6	Reporting & Export	Generate summary reports Export dashboard as PDF/Image Share dashboard with stakeholders

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
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NFR-1	<b>Usability</b>	The Tableau dashboard should be user-friendly, with clear navigation, simple layout, and easy-to-understand visualizations for business users.
NFR-2	<b>Security</b>	Data should be securely stored and accessed only by authorized users. Role-based access control must be implemented to protect sensitive sales and profit data.
NFR-3	<b>Reliability</b>	The system should provide accurate and consistent analytical results without data loss or calculation errors.
NFR-4	<b>Performance</b>	Dashboard should load within 3–5 seconds even with large datasets and support smooth filtering and drill-down operations.
NFR-5	<b>Availability</b>	The dashboard should be available 24/7 for business monitoring with minimal downtime.
NFR-6	<b>Scalability</b>	The system should handle increasing data volume (future sales data) without affecting performance.