Project Design Phase-I
Proposed Solution Template

Date	15 February 2026
Team ID	LTVIP2026TMIDS83686
Project Name	ToyCraft Tales – Tableau's Vision into Toy Manufacturer Data
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The US toy manufacturing dataset (2005–2016) contains large volumes of raw numerical data that are difficult to interpret manually. Stakeholders lack an interactive and centralized platform to analyse trends, identify peak years, compare states, and extract meaningful insights efficiently.
2.	Idea / Solution description	Develop an interactive Tableau dashboard that visualizes US toy manufacturer data, enabling users to analyse year-wise trends, identify peak manufacturing years, compare state performance, and generate exportable reports for academic or business purposes.
3.	Novelty / Uniqueness	Unlike traditional Excel-based analysis, this solution provides interactive filtering, KPI cards, dynamic visualizations, and real-time insight exploration within a single unified dashboard, improving clarity and decision-making efficiency.
4.	Social Impact / Customer Satisfaction	By simplifying manufacturing data analysis, the dashboard improves transparency, supports better strategic planning, enhances academic learning outcomes, and enables informed decision-making for business stakeholders.
5.	Business Model (Revenue Model)	The dashboard model can be extended as a subscription-based analytics solution for manufacturing industries, consulting services for data-driven insights, or customized dashboard development for enterprise clients.
6.	Scalability of the Solution	The solution can be scaled to include additional years, other manufacturing sectors, real-time data integration, cloud deployment via Tableau Server, and expansion to global manufacturing datasets.