

Project Design Phase

Proposed Solution Template

Date	21-02-2026
Team ID	LTVIP2026TMIDS41879
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 the proposed solution template

<i>S.no.</i>	<i>Parameter</i>	<i>Description</i>
1.	<i>Problem Statement</i>	Difficulty in understanding and analysing electricity consumption trends across sectors, time periods, and regions, leading to inefficient energy use and poor planning.
2.	<i>Idea / Solution Description</i>	Develop an interactive and user-friendly dashboard using Tableau that visualizes electricity consumption data, offering breakdowns by sector, time, and location to enable actionable insights.
3.	<i>Novelty / Uniqueness</i>	The solution provides a visually rich, real-time, and comparative analysis tool that integrates multiple consumption parameters into a single interactive platform—offering ease of exploration and personalized data filtering.
4.	<i>Social Impact / Customer Satisfaction</i>	Helps users (individuals, industries, governments) optimize power usage, promotes energy efficiency, reduces wastage, and supports sustainable practices—leading to increased satisfaction and positive environmental impact.
5.	<i>Business Model (Revenue Model)</i>	Can be offered as a freemium SaaS tool for electricity boards, utility companies, and energy consultants; premium features could include forecasting tools, custom exports, and integration with IoT smart meters.

6.	<i>Scalability of the Solution</i>	Easily scalable to include more regions, larger datasets, or other forms of energy (like water or gas) by updating data sources and adding modules—without changing the overall dashboard framework.
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