Project Design Phase-I
Proposed Solution Template

Date	3 Feb 2026
Team ID	LTVIP2026TMIDS24929
Project Name	Empowering India: Analysing the evolution of union budget allocations for sustainable growth
Maximum Marks	5 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)	Business stakeholders, renewable energy startups, EV manufacturers, and pharmaceutical companies lack clear and interactive insights into Union Budget allocations (2021–2024). The complexity of ministry-wise, category-wise, and scheme-wise budget data makes it difficult to analyze funding trends and make strategic investment decisions.
2.	Idea / Solution description	The project provides a SQL-based data management system integrated with Tableau dashboards to visualize Union Budget allocations. It presents ministry-wise, scheme-wise, category-wise, revenue vs capital comparisons, and year-wise trends through interactive dashboards and stories to support data-driven decision-making.
3.	Novelty / Uniqueness	Combines multi-year Union Budget data (2021–2024) with structured SQL processing and interactive Tableau visualization. Includes calculated fields, filters, Top-5 comparisons, revenue vs capital analysis, and integrated web deployment using Flask for enhanced accessibility.
4.	Social Impact / Customer Satisfaction	Improves transparency and understanding of government budget allocations. Helps startups and industries align their strategies with national priorities such as renewable energy, EV adoption, and healthcare development. Encourages informed, data-driven strategic planning.
5.	Business Model (Revenue Model)	Can be extended as a subscription-based analytics platform providing advanced sector-specific insights, premium forecasting features, downloadable reports, and API-based access for enterprises or research institutions.

6.	Scalability of the Solution	Easily scalable by incorporating additional fiscal years, integrating real-time government data sources, adding predictive analytics (ML models), sector-specific deep analysis, and expanding to state budget analysis for more granular insights.