Project Design Phase
Proposed Solution Template

Date	29 June 2025
Team ID	LTVIP2025TMID50950
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
	Problem Statement (Problem to be solved)	UNESCO's World Heritage Site data is available in raw tabular format, making it difficult for researchers, tourists, educators, and policymakers to derive actionable insights. The lack of accessible, interactive, and region-wise analytics limits data-driven understanding and awareness of cultural and natural heritage globally.
	Idea / Solution description	This project builds a **Tableau-based interactive dashboard** using the official UNESCO World Heritage Sites dataset. It enables: • Region, category, and year-based filtering of heritage sites • Map visualizations with lat-long plots • Trend analysis of inscription and endangered sites • Comparative charts by country, region, or category The dashboard makes complex cultural data easy to understand for technical and nontechnical users alike.

	Novelty / Uniqueness	Unlike traditional reports or static portals, the solution is: • Fully interactive and filterable via Tableau • Designed for open access (Tableau Public) • Focused on storytelling with data • Visual-first, allowing users to quickly identify heritage patterns globally.
	Social Impact / Customer Satisfaction	This project supports: • Increases awareness of endangered heritage sites • Aids students, educators, and heritage planners with accessible analytics • Enhances data literacy using a globally recognized dataset • Promotes cultural education through interactive tools
	Business Model (Revenue Model)	While primarily an academic project, future potential includes: • Licensing dashboards to educational or cultural institutions • Monetizing custom reports for tourism departments or NGOs • Offering dashboard templates for Tableau learners or trainers
	Scalability of the Solution	• Easily extendable to include future UNESCO data updates • Can be adapted to visualize other heritage datasets (national/state-level) • Scalable to include machine learning models for prediction (e.g., risk analysis) • Expandable to mobile-friendly interfaces or embedded educational modules