

Project Design Phase
Proposed Solution Template

Date	3 july 2025
Team ID	LTVIP2025TMID49283
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	There is no centralized, interactive, and story-driven platform to explore the distribution, categorization, and status (e.g., endangered) of UNESCO World Heritage Sites. This hinders analysis, awareness, and effective global communication.
2.	Idea / Solution description	Build an interactive data storytelling platform using Tableau dashboards and stories , integrated into a Flask-based website and deployed on Render.com . The site visually presents global heritage data filtered by region, category, and danger status.
3.	Novelty / Uniqueness	Unlike static heritage lists, this solution offers real-time, interactive exploration of world heritage data with dynamic filters and embedded Tableau dashboards. The dual-storyboard approach enhances narrative clarity, and the visual storytelling helps simplify complex patterns.
4.	Social Impact / Customer Satisfaction	Enables students, researchers, and conservationists to make data-informed decisions. Raises awareness of endangered sites. Improves accessibility to UNESCO data, promotes cultural appreciation, and encourages public participation in conservation dialogue.
5.	Business Model (Revenue Model)	While primarily academic, the model can be extended
		for institutional or governmental awareness campaigns. NGOs and tourism boards could adopt similar data platforms to increase outreach and funding. Potential model: SaaS template for cultural data analytics.

6.	Scalability of the Solution	The platform is scalable — can integrate new dashboards, regions, or datasets from other heritage organizations. Tableau’s flexibility and Flask’s modular backend allow for expansion without major rework. Supports multilingual content and future API upgrades.