

Project Design Phase Proposed Solution Template

Date	27 june 2025
Team ID	LTVIP2025TMID51841
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
1.	Problem Statement (Problem to be solved)	Despite being recognized globally, UNESCO World Heritage Sites often lack accessible data representation that helps people understand their historical, cultural, and geographical significance. Data related to heritage is often scattered, non-visual, and hard to interpret, especially for students, researchers, and travelers. There is a need for a dynamic, visual tool to explore, analyze, and appreciate UNESCO heritage sites interactively.
2.	Idea / Solution description	<p>This project aims to use Tableau, a powerful data visualization tool, to create an interactive dashboard that provides in-depth insights into UNESCO World Heritage Sites globally. The dashboard includes:</p> <ul style="list-style-type: none"> • Geographic distribution and categorization (Cultural, Natural, Mixed) • Country-wise and region-wise site statistics • Historical context, threats, and preservation status • Year of inscription and growth trends over time • Filters for users to explore by region, site type, criteria, or endangered status • Integration of visual elements like images, maps, and site descriptions
3.	Novelty / Uniqueness	<p>☑ First-of-its-kind dashboard focused exclusively on UNESCO heritage data</p> <p>☑ Combines data analytics with historical storytelling</p> <p>☑ Interactive, filterable interface for customized user exploration</p> <p>☑ Highlights underrepresented or endangered heritage sites</p> <p>☑ Can serve as a foundation for integration with tourism boards or educational portals</p>
4.	Social Impact / Customer Satisfaction	<p>☑ Raises awareness and appreciation for world heritage among general public and students</p> <p>☑ Encourages responsible tourism by highlighting</p>

		<p>preservation needs</p> <ul style="list-style-type: none"> ☑ Enables cultural research and comparative analysis through visualized data ☑ Bridges the gap between raw UNESCO data and public understanding ☑ Can be adopted by schools and museums for educational purposes
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ☑ Open-access academic version for public and educational institutions ☑ Premium custom dashboards for tourism departments, cultural NGOs, and researchers ☑ Collaborations with travel agencies to embed insights into tour packages ☑ Potential funding through grants from UNESCO, government bodies, or CSR initiatives ☑ Hosting webinars, courses, or data storytelling workshops as paid services
6.	Scalability of the Solution	<ul style="list-style-type: none"> ☑ Can be scaled to include other cultural datasets (e.g., national heritage, lost heritage, intangible culture) ☑ Easy updates with new sites as UNESCO adds them annually ☑ Expandable to regional dashboards (e.g., Asia, Europe, Africa) with localized insights ☑ Cloud-hosted Tableau dashboards can handle global user access ☑ Potential for multilingual versions to increase reach and inclusivity