Project Design Phase

Proposed Solution Template

Date	28 June2025
Team ID	LTVIP2025TMID49408
Project Name	Heritage Treasures: An In-depth Analysis of UNESCO World Heritage
Maximum Marks	2 Marks

Proposed Solution Template:-

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	UNESCO World Heritage data is often unstructured, text-heavy, and spread across multiple sources. It lacks visual representation, making it difficult for students, researchers, and policy makers to explore heritage trends, endangered sites, or cultural distributions effectively. This limits decision-making and awareness.

2.	Idea / Solution description	Our solution is an interactive Tableau dashboard that visually presents global UNESCO World Heritage data, including site type (Cultural/Natural), country, region, year of inscription, endangered status, and area size. It enables users to: • Explore heritage sites by region, country, and year • Identify and filter endangered vs non-endangered sites • Compare cultural vs natural sites • Visualize trends through maps, bar charts, and timelines This empowers researchers, educators, and heritage enthusiasts with accessible, insightful information.
3.	Novelty / Uniqueness	Unlike static lists or raw data sheets, this solution combines multiple heritage indicators in a single, interactive platform. Built entirely with Tableau and an open-source dataset, it enables dynamic exploration with no technical expertise. The visual format makes global trends and threats understandable to all users — from students to policy makers.
4.	Social Impact / Customer Satisfaction	This project supports cultural awareness, education, and preservation by making world heritage data more engaging and usable. It helps researchers save time, enables students to explore global culture easily, and aids stakeholders in spotting endangered sites — leading to better conservation strategies and educational outcomes.

5.	Business Model (Revenue Model)	The dashboard can be offered as a value-add for academic institutions, cultural NGOs, and government heritage departments. Revenue opportunities include: • Institutional access subscriptions • Customized dashboards for countries or states • Integration into education platforms or cultural heritage sites
6.	Scalability of the Solution	The solution is highly scalable: • New datasets (e.g., from other regions or years) can be added easily • Additional filters and visualizations can be implemented without rewriting the logic • It can support multiple use cases like rental trends, commercial real estate, etc.