Project Design Phase
Proposed Solution Template

Date	27th May 2025
Team ID	LTVIP2025TMID48210
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites (2019)
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 the global importance of UNESCO World Heritage Sites, stakeholders lack an intuitive and comprehensive visualization platform that reveals insights into site distribution, risk factors, and historical trends. This hampers effective decision-making in heritage preservation and awareness.
2.	Idea / Solution description	This project explores the 2019 UNESCO World Heritage Sites dataset using Tableau. It focuses on visualizing various aspects such as: **Heritage Sites by Country** using a block chart based on Country and Name_en. **Heritage Sites at Risk** using a pie chart segmented by Danger and Name_en. **Regional Inscription Trends** using a line chart based on Date_inscribed and Region. These visuals provide a powerful and user-friendly interface for analyzing global heritage data, identifying trends, and highlighting areas needing attention.
3.	Novelty / Uniqueness	While datasets on UNESCO heritage sites are publicly available, this project stands out by offering a **deeply interactive and multi-perspective visualization experience** through Tableau. It merges geographical, historical, and risk-based views into one unified dashboard that is both informative and engaging.
4.	Social Impact / Customer Satisfaction	The project contributes to the **preservation of cultural and natural heritage** by raising awareness about endangered sites and regional trends. It empowers NGOs, policymakers, educators, and the general public to understand the global heritage landscape better and make informed contributions to its conservation.

5.	Business Model (Revenue Model)	Although this project is academic in nature, a potential business model includes offering **data visualization services to heritage organizations**, museums, tourism boards, and academic institutions. Subscription-based access to interactive dashboards or licensing the visualizations for exhibitions can be monetized.
6.	Scalability of the Solution	The solution is scalable as it can incorporate **updated datasets from future years** and **integrate other global heritage databases**. Additional features like **interactive maps, predictive analytics for risk**, and **multi-lingual dashboards** can further enhance its impact and reach.