Project Design Phase - Proposed Solution Template

Date:	28 June 2025
Team ID:	LTVIP2025TMID48209
Project Name:	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks:	2 Marks

1. Problem Statement (Problem to be solved) Lack of visual clarity and insight into the distribution, risk status, and regional trends of UNESCO World Heritage Sites globally. Stakeholders struggle to prioritize preservation efforts without effective data visualization.

2. Idea / Solution description

The project uses Tableau to create interactive visualizations of UNESCO heritage data. Three key scenarios are implemented: (1) a block chart showing heritage sites by country, (2) a pie chart highlighting sites in danger, and (3) a line chart showing regional inscription trends over the years.

3. Novelty / Uniqueness

The solution combines multiple visual analytics approaches into a single dashboard, offering stakeholders a holistic and intuitive view of heritage trends, threats, and regional developments using dynamic Tableau visualizations.

4. Social Impact / Customer Satisfaction

Helps UNESCO, governments, and conservation groups prioritize efforts to preserve cultural heritage. It promotes awareness, supports data-driven decision-making, and can engage the general public through easy-to-understand visuals.

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5. Business Model (Revenue Model) The solution can be packaged as a service for cultural and heritage organizations, offered as a subscription-based analytics tool, or sold as a visualization dashboard template for institutions conducting heritage research.

6. Scalability of the Solution

Highly scalable: additional years, countries, or categories (e.g., natural vs. cultural sites) can be added to the dataset and visualized without major structural changes. Can integrate with real-time updates or be adapted for other global heritage datasets.