Project Design Phase
Problem – Solution Fit

Date	4 July 2025
Team ID	**LTVIP2025TMID49900**
Project Name	Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau
Maximum Marks	2 Marks

Problem – Solution Fit:

1. Problem Statement

- Stakeholders such as heritage researchers, policymakers, and conservationists lack a centralized, visual platform to analyze global UNESCO heritage data.
- Current datasets are scattered, often in static formats, and fail to provide actionable insights such as endangered sites, trends over time, or country/region-wise comparisons.
- Lack of visual clarity hinders quick decision-making for preservation and promotion of heritage sites.

2. Target Customers / Users

- Researchers & Historians: Need visual insights to understand heritage patterns.
- Policymakers: Require country and region-level data to identify areas needing preservation efforts.
- Tourism Boards: Want to highlight and promote heritage sites effectively.
- General Public/Enthusiasts: Desire easy-to-understand dashboards to explore cultural heritage globally.

3. Proposed Solution

- Interactive Tableau Dashboards showcasing:
- Heritage Sites by Country (treemap/bar chart)
- Endangered vs Safe Sites (pie chart)
- Regional Inscription Trends (line chart over years)
- Search and Filter Features (by site type: Cultural, Natural, Mixed).
- Mobile-responsive dashboards for universal access.
- Cloud-hosted visualizations via Tableau Public for high availability and easy sharing.

4. Why This Solution Fits

- Tableau dashboards provide dynamic, interactive, and user-friendly visuals.
- Enables real-time insights for users without requiring deep technical expertise.
- Reduces time spent analyzing raw datasets by providing pre-processed, clear, and structured visualizations.
- Aligns with the customer behavior of using visual and interactive tools to gain actionable insights.

5. Benefits / Outcomes

- Faster Decision-Making: Stakeholders can identify endangered sites instantly.
- Increased Awareness: Helps promote heritage preservation efforts globally.
- Accessible Insights: Dashboards are easily shareable and accessible on any device.

- Enhanced Data Understanding: Visual trends highlight patterns (e.g., which regions saw the highest growth in inscriptions).