

Project Design Phase-I
Proposed Solution Template

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| Date | 11 th February 2026 |
| Team ID | LTVIP2026TMIDS75294 |
| Project Name | Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites using Tableau. |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter | Description |
|-------|--|---|
| 1. | Problem Statement (Problem to be solved) | Researchers, heritage professionals, and educators find it difficult to interpret UNESCO World Heritage Site data in its raw tabular format. The absence of interactive visual analytics limits their ability to identify trends, regional patterns, and sites at risk for informed decision-making. |
| 2. | Idea / Solution description | The proposed solution is an interactive Tableau dashboard that visualizes UNESCO World Heritage Site data through treemaps, pie charts, line charts, and geographic maps. The dashboard enables users to explore country-wise distribution, endangered sites, and regional inscription trends, making complex data easy to analyze and interpret. |
| 3. | Novelty / Uniqueness | The project integrates multiple analytical perspectives—geographical distribution, risk assessment, and temporal trends—into a single interactive platform. Unlike static reports, the dynamic filtering and drill-down capabilities allow users to explore data at country, region, and year levels in real time. |
| 4. | Social Impact / Customer Satisfaction | This solution supports researchers, policymakers, educators, and conservation organizations by providing actionable insights for heritage preservation. It enhances awareness about endangered sites and promotes data-driven conservation strategies, contributing to global cultural sustainability. |

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| 5. | Business Model (Revenue Model) | The dashboard can be offered as a subscription-based analytics tool for educational institutions, heritage organizations, and research bodies. Additional revenue opportunities include customized reporting services, consultancy for cultural institutions, and premium data insights for policy agencies. |
| 6. | Scalability of the Solution | The solution is highly scalable as it can incorporate updated UNESCO datasets, additional heritage attributes, and predictive analytics in the future. It can also be expanded into a web-based analytics platform accessible globally with multi-user support. |