

Project Design Phase

Solution Architecture

Date	25 February 2026
Team ID	LTVIP2026TMIDS35848
Project Name	<i>Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in Tableau</i>
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture bridges the gap between the identified business problem — difficulty in interpreting large UNESCO World Heritage datasets — and the technological solution — an interactive Tableau-based data visualization platform.

The architecture ensures efficient data processing, structured visualization, and scalable deployment.

Goals of the Solution Architecture

- Identify and implement the most suitable technological solution (Tableau dashboards + web deployment) to solve heritage data analysis challenges.
- Clearly define the structure and working of the system for stakeholders including faculty, evaluators, and end users.
- Establish features such as interactive maps, filters, comparison charts, and trend visualizations.
- Define development stages, system requirements, and deployment flow to ensure structured implementation.
- Provide clear specifications for managing, maintaining, and scaling the solution in future phases.

Solution Architecture Diagram:

