

Project Design Phase-I
Proposed Solution Template

Date	11 February 2026
Team ID	LTVIP2026TMIDS35236
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
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)	<ul style="list-style-type: none">World Heritage data is available in raw and report formats, making it difficult for students and researchers to quickly analyse trends, regional distribution, categories, and danger status of heritage sites.
2.	Idea / Solution description	<ul style="list-style-type: none">Develop an interactive web-based dashboard using Flask, Bootstrap, and Tableau to visualize World Heritage Sites data. The dashboard provides country-wise, region-wise, category-wise, year-wise, and danger status analysis in a simple and interactive format.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">Combines data visualization + storytelling in one platform.Converts complex heritage datasets into easy-to-understand visuals.User-friendly academic dashboard without login requirement.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">Helps students and researchers understand global cultural and natural heritage.Encourages awareness about endangered heritage sites.Supports academic learning and research projects.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">Academic and educational use (non-commercial).Can be extended as a premium research analytics tool.Potential integration with tourism analytics platforms.
6.	Scalability of the Solution	<ul style="list-style-type: none">Can be extended to include real-time UNESCO updates.Can integrate more datasets (tourism data, environmental data).Deployable on cloud platforms for large-scale usage.