Project Design Phase
Proposed Solution Template

Date	19 February 2026
Team ID	LTVIP2026TMIDS34956
Project Name	Gemini Historical Artifact Description App
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No	Parameter	Description
1	Problem Statement	Historians, students, bloggers, and researchers struggle to generate structured and engaging historical artifact descriptions quickly and accurately.
2	Idea / Solution Description	Develop an AI-powered web application that uses Google Gemini 1.5 Flash to generate detailed historical artifact descriptions based on user input and desired word count.
3	Novelty / Uniqueness	Uses Generative AI for automated academic-quality content creation with customizable word count and structured formatting.
4	Social Impact / Customer Satisfaction	Helps students, educators, bloggers, and researchers save time and access well-structured historical information instantly.
5	Business Model (Revenue Model)	Freemium model – Limited free generations; premium subscription for advanced features and unlimited usage.
6	Scalability of the Solution	Cloud-based architecture allows horizontal scaling. Gemini API supports high concurrent requests. Can integrate caching and load balancing.