# Project Design Phase
# Proposed Solution Template

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| Date | 15 February 2025 |
| Team ID | LTVIP2026TMIDS81727 |
| Project Name | Gemini historical artifact description |
| Maximum Marks | 2 Marks |

**Proposed Solution :.**

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | Static and unengaging historical content fails to provide personalized, simple, and interactive explanations for students and history enthusiasts. |
| 2. | Idea / Solution description | An AI-powered Streamlit web application using Google Gemini API that generates structured, customizable, and easy-to-understand artifact descriptions with engaging historical facts during loading. |
| 3. | Novelty / Uniqueness | Combines Generative AI with a museum-themed interactive UI and dynamic fact display to create personalized historical storytelling experiences. |
| 4. | Social Impact / Customer Satisfaction | Enhances digital learning by making history more accessible, engaging, and understandable for students, educators, and museums. |
| 5. | Business Model (Revenue Model) | Revenue can be generated through institutional subscriptions, premium features, API integration with ed-tech platforms, and ad-supported versions. |
| 6. | Scalability of the Solution | Cloud-based architecture allows easy deployment and future expansion with multilingual support, voice narration, image generation, and mobile app integration. |