Ideation Phase
Brainstorm & Idea Prioritization Template

Date	31 January 2025
Team ID	LTVIP2026TMIDS81727
Project Name	Gemini historical artifact description
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization :

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Step-1: Team Gathering, Collaboration and Select the Problem Statement

The team discussed challenges faced by students and history enthusiasts in understanding historical artifacts. After evaluating multiple education-related challenges, we selected the problem of:

"Making historical artifact descriptions more engaging, accessible, and interactive using AI."

Step-2: Brainstorm, Idea Listing and Grouping

Brainstormed Ideas:

- AI-generated artifact descriptions
- Interactive museum-style web interface
- Adjustable word length for descriptions
- Simple English explanations
- Structured headings in output
- Interesting historical facts during loading
- Artifact image upload feature
- Audio narration of artifact history
- PDF download of generated description
- Multi-language support

Grouping:

Content Generation Ideas

- AI description generator

- Adjustable word count

- Structured headings

- Simple language rule

User Experience Ideas

- Museum-themed UI

- Loading spinner with historical facts

- Clean typography and layout

Advanced Feature Ideas (Future Scope)

- Voice narration

- Multi-language output

- Artifact image recognition

- Downloadable PDF

Step-3: Idea Prioritization

After evaluating feasibility, innovation, and internship scope, the team prioritized:

High Priority (Implemented)

- AI-generated historical descriptions using Gemini

- Word length customization

- Simple English structured output

- Auto-rotating historical facts while loading

- Museum-style UI using Streamlit

Medium Priority (Future Enhancement)

- Download as PDF

- Multi-language support

- Artifact image upload

Low Priority (Long-term Scope)

- AR-based museum experience &Voice narration integration