Ideation Phase
Brainstorm & Idea Prioritization Template

Date	2 February 2026
Team ID	LTVIP2026TMIDS74087
Project Name	Gemini Historical Artifact Description
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

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

Step-2: Brainstorm, Idea Listing and Grouping

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Brainstorm

Write down any ideas that come to mind
that address your problem statement.

🕐 10 minutes

TIP

You can select a sticky note
and hit the pencil (switch to
sketch) icon to start drawing!

Person 1

Person 2

Person 3

Person 4

Person 5

Person 6

Person 7

Person 8

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all
sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is
bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕐 20 minutes

TIP

Add customizable tags to sticky
notes to make it easier to find,
browse, organize, and
categorize important ideas as
themes within your mural.

The team decided to develop an AI-
based web application to help users
understand historical artifacts easily.
Users can upload an artifact image or
enter a text prompt in the system.
The application uses Generative AI to
automatically generate a detailed and
structured description.
This solution reduces manual
research time and makes learning
history simple and interactive.

Step-3: Idea Prioritization

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Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⏱ 20 minutes

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Suggested creating a web application where users can upload an image of a historical artifact and receive a generated description. Focused on solving the problem of long manual research.

Proposed using Google Generative AI (Gemini API) so the system can automatically generate historical information such as origin, time period, and cultural significance.

Proposed sharing the project through GitHub and creating a demo video so users and evaluators can easily understand how the system works.

Proposed secure API key handling using a .env file and environment variables to protect sensitive information during application execution.

Recommended using Streamlit to design a simple and user-friendly interface so beginners can easily interact with the system without technical knowledge.

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)