

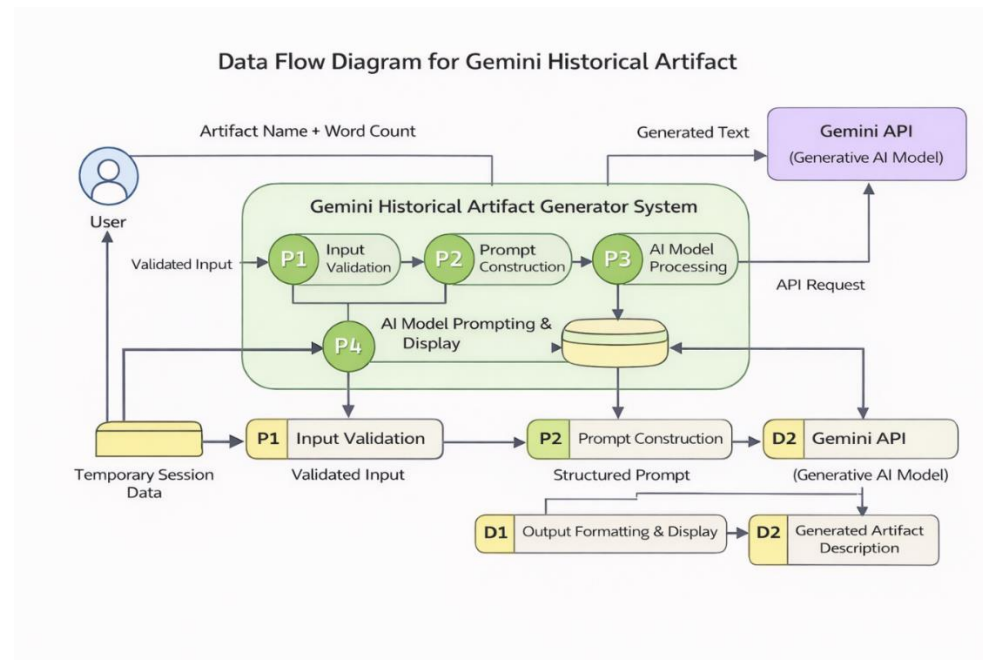
Project Design Phase-II

Data Flow Diagram & User Stories

Date	20 February 2026
Team ID	LTVIP2026TMIDS79258
Project Name	Gemini Historical Artifact Description
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement	User Story No	User Story	Acceptance Criteria	Priority	Release
Student / Researcher	User Interface Setup	USN-1	As a user, I want to enter an artifact name and word count easily.	I can access and input data successfully	High	Sprint-1
Administrator	Input Validation	USN-2	As a user, I want input validation before generation.	System prevents invalid inputs	High	Sprint-1
Research Professional	AI Integration	USN-3	As a user, I want the system to generate artifact descriptions using Gemini AI.	AI generates structured content	High	Sprint-2
Student	Historical Fact Feature	USN-4	As a user, I want to see an interesting historical fact while content loads.	Fact appears during processing	Medium	Sprint-2
User Type	Functional Requirement	User Story No	User Story	Acceptance Criteria	Priority	Release
Student / Researcher	User Interface Setup	USN-1	As a user, I want to enter an artifact name and word count easily.	I can access and input data successfully	High	Sprint-1