Project Design Phase-II
Data Flow Diagram & User Stories
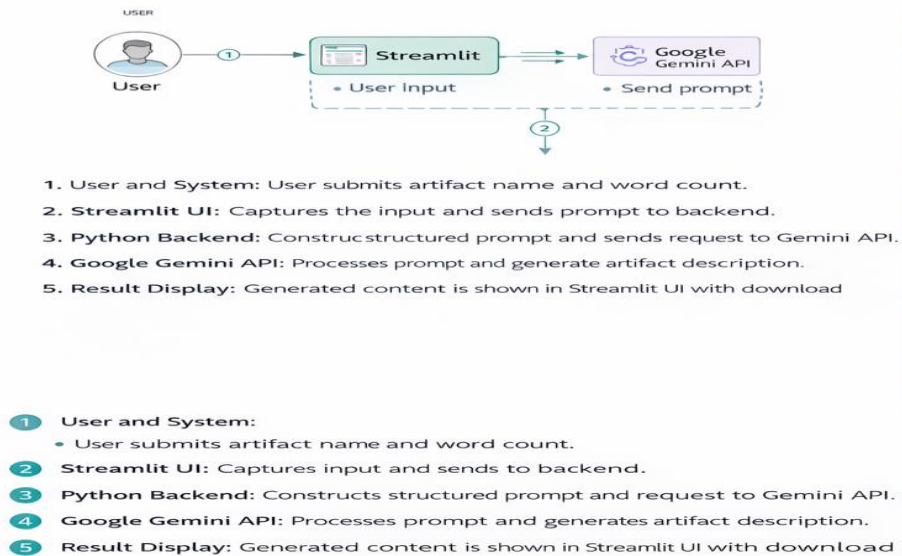
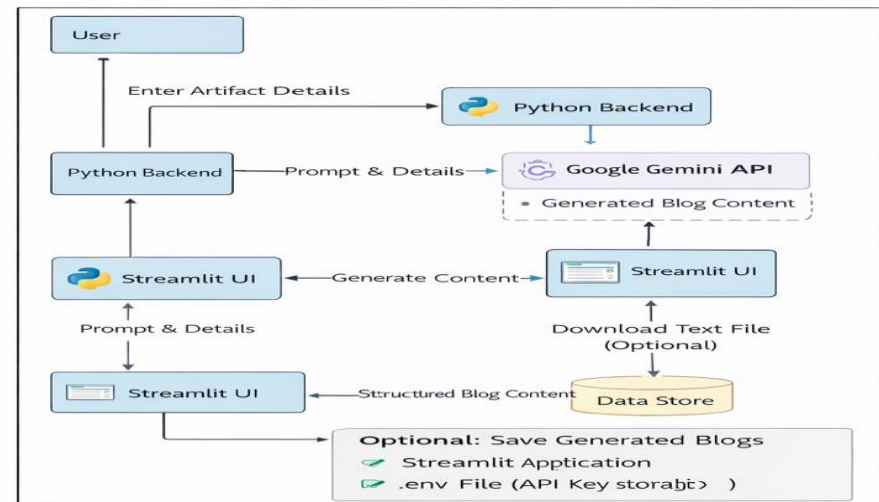| Date	19 February 2026
Team ID	LTVIP2026TMIDS34956
Project Name	Gemini Historical Artifact Description App
Maximum Marks	4 Marks

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.

Example:

User Stories

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web User)	Enter Artifact Details	USN-1	As a user, I can enter an artifact name or historical topic to generate a description	I can type artifact name and see it accepted by system	High	Sprint-1
Customer (Web User)	Word Count Selection	USN-2	As a user, I can select the desired word count for the blog	I can set word count and system generates content accordingly	High	Sprint-1
Customer (Web User)	Generate Blog	USN-3	As a user, I can click "Generate Description" to create blog content	Blog is generated and displayed successfully	High	Sprint-1
Customer (Web User)	View Generated Content	USN-4	As a user, I can view the structured blog output on the screen	Blog shows introduction, background, conclusion clearly	High	Sprint-1
Customer (Web User)	Download Blog	USN-5	As a user, I can download the generated blog as a text file	Text file downloads successfully	Medium	Sprint-1
Customer (Web User)	Interesting Fact Feature	USN-6	As a user, I can see a random historical fact while content is generating	A fact is displayed during loading	Medium	Sprint-1
Customer (Web User)	Error Handling	USN-7	As a user, I receive an error message if no topic is entered	Warning message appears for empty input	High	Sprint-1
System	AI Integration	USN-8	As a system, I can send prompt to Google Gemini API and receive generated content	API call is successful and content is returned	High	Sprint-1
Administrator	Deployment	USN-9	As an administrator, I can deploy the application on local or cloud environment	Application runs successfully in deployed environment	Medium	Sprint-2