Project Design Phase-II
Data Flow Diagram & User Stories

Date	18 February 2026
Team ID	LTVIP2026TMIDS36980
Project Name	Google Pro Financial Decoder
Maximum Marks	4 Marks

Data Flow Diagrams:

A **Data Flow Diagram (DFD)** represents how data flows within the *Gemini Pro Financial Decoder* system.
It shows how financial data is **input**, **processed**, **analyzed**, **stored**, and **presented** to the user.

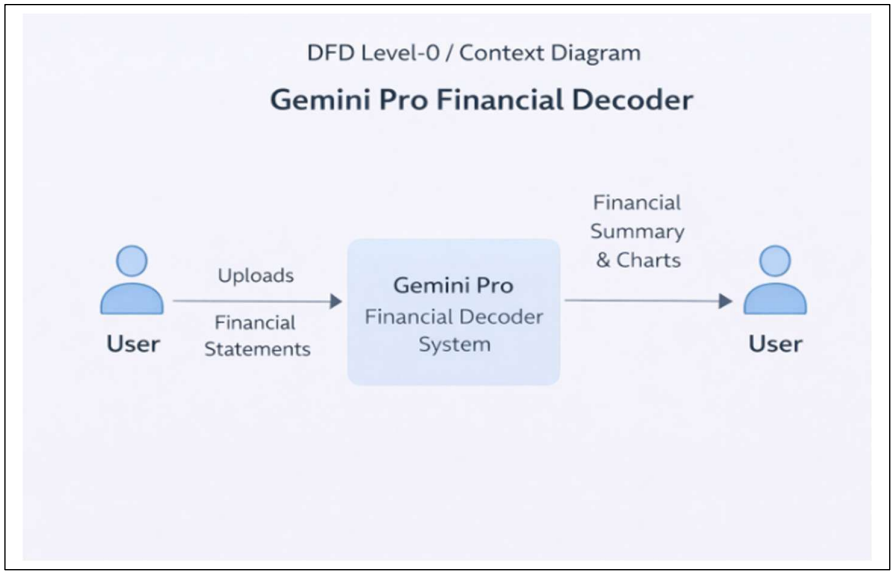
The system accepts financial statements such as **Balance Sheet**, **Profit & Loss**, and **Cash Flow** files and processes them using AI-based analysis and rule-based logic to generate **summaries and visual insights**.

Example: (Simplified)

Description:

- The User uploads financial statement files.
- The Gemini Pro Financial Decoder System processes the uploaded data.
- The system generates financial summaries and visualizations.
- The results are displayed back to the User.

Example: DFD Level 0



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)	File Upload	USN-1	As a user, I want to upload Balance Sheet, Profit & Loss, and Cash Flow files so that I can analyze financial data.	Files are uploaded successfully in CSV/XLSX format	High	Sprint-1
Customer (Web User)	Data Processing	USN-2	As a user, I want the system to validate and read my uploaded files correctly.	System reads data without errors	High	Sprint-1
Customer (Web User)	Financial Analysis	USN-3	As a user, I want the system to analyze financial statements automatically.	Summary is generated correctly	High	Sprint-1
Customer (Web User)	AI Summary	USN-4	As a user, I want AI-based insights for better understanding.	AI or fallback summary displayed	Medium	Sprint-2
Customer (Web User)	Visualization	USN-5	As a user, I want charts and tables to visualize financial performance.	Graphs load correctly	Medium	Sprint-2
Administrator	System Monitoring	USN-6	As an admin, I want to ensure system stability and performance.	System runs without crashes	Low	Sprint-3