

Project Design Phase-II

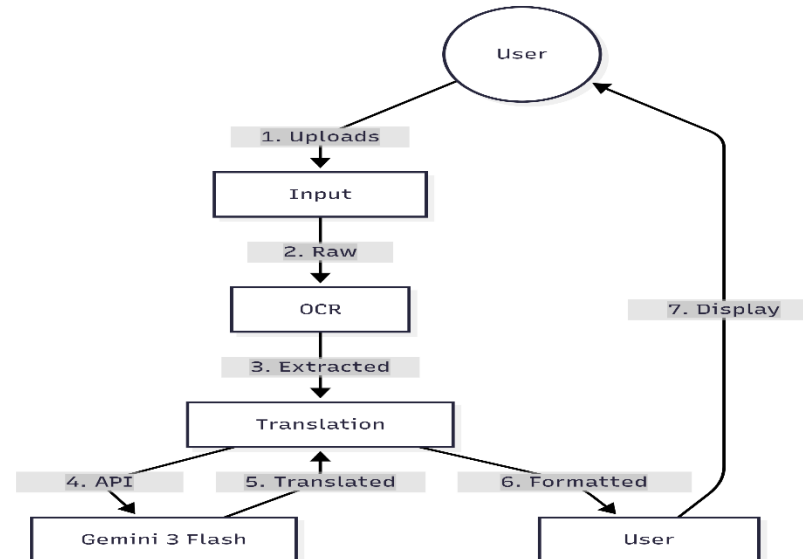
Data Flow Diagram & User Stories

Date	18 Feb 2026
Team ID	LTVIP2026TMIDS80588
Project Name	TransLingua: AI-Powered Multi-Language Translator
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: [\(Simplified\)](#)



User Stories

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

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance criteria	Priority
Researcher	Document Translation	As a researcher, I want to upload a foreign PDF paper	I can read the translated paper in my native language	High
Traveler	Vision Capture	As a traveler, I want to take a photo of a sign	I can see the meaning of the sign instantly on screen.	High
General User	Manual Input	As a user, I want to paste text for quick translation	The text is translated accurately into the target language	Medium
Admin	System Stability	As an admin, I want the app to switch models if one fails	The user never sees a "404/429" error message	High

Python google-genai SDK: <https://pypi.org/project/google-genai/>