

Requirements analysis

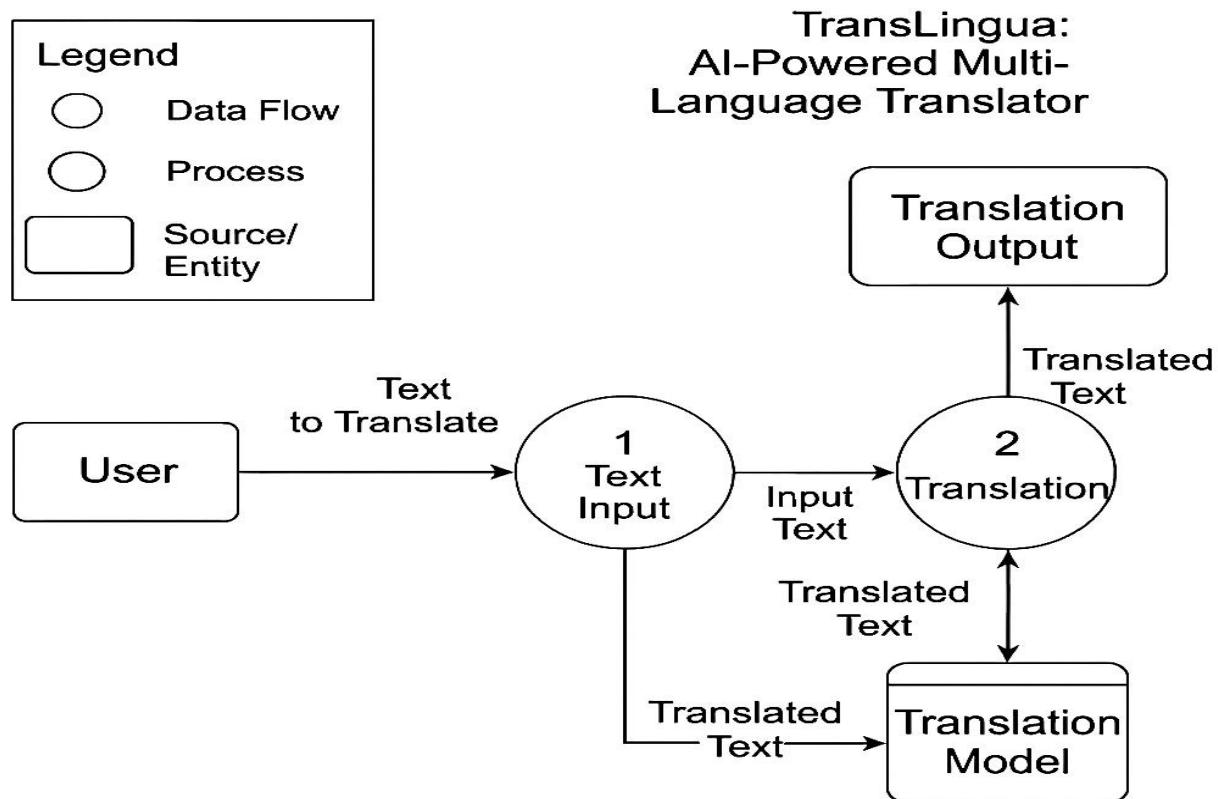
Data Flow Diagram

Date	9 Feb 2026
Team ID	LTVIP2026TMIDS71831
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.

Flow Diagram:



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
General User	Text Input	USN-1	As a user, I want to input text in any language for translation.	System accepts and processes input text.	High	Sprint-1
General User	Language Detection	USN-2	As a user, I want the system to automatically detect the input language.	Detected language is displayed before translation.	High	Sprint-1
General User	Translation	USN-3	As a user, I want to receive accurate translation in my selected target language.	Translated text is displayed correctly.	High	Sprint-1
General User	Output Display	USN-4	As a user, I want the translated text to be shown clearly on screen.	Translated output is visible and readable.	High	Sprint-1