Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID12764
Project Name	Project – Real - Time Communication System Powered by AI for Specially Abled
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.
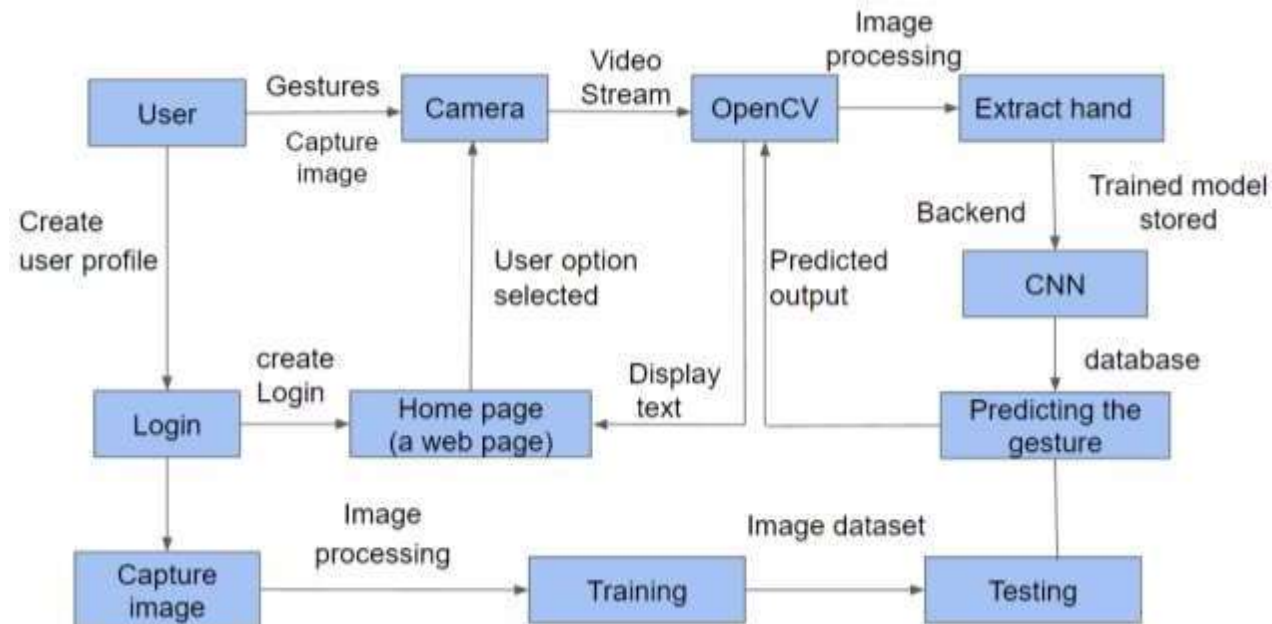
User Stories

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (mute)	UI, AI Model	USN-1	As a user, who has trouble speaking, I want to convey my message through sign-language to normal people for which I need a system that can convert sign-language to speech and text in their mother-tongue	I can use button in the UI for converting my sign-language to text and speech in desired language	High	Sprint-1
Customer (deaf)	UI, AI Model	USN-2	As a user, who has trouble hearing, I want the text of the language spoken by others in my mother-tongue so that I can understand others message	I can use the button in the UI for converting speech to text in my desired language	High	Sprint -2
Customer (deaf and mute)	UI, AI Model	USN-3	As a user, who has trouble hearing and speaking, I want text of the language spoken by others in my mother-tongue as well as I want to convey my message through sign-language to normal people in their mother-tongue	I can use button in the UI for converting others speech to text as well as for converting my sign-language to text and speech in desired language	High	Sprint-2
Customer (all application users)	Registration	USN-4	As a user, I can register for the application through my email and password	I can create an account in the app with security	Medium	Sprint-3
		USN-5	As a user, I will receive confirmation email once I have registered in the application through email and password	I can trust that my account creation is authenticated	Medium	Sprint-3

	Login	USN-6	As a user, I can log into the application by entering email & password	I can log-in to my account in the app with security	Medium	Sprint-4
	3rd Party APIs	USN-7	As a user, I can directly log into the application through trusted 3rd parties like Google, Microsoft, Facebook, etc.	I can log-in to my account very quickly and with high security	Low	Sprint-4