Project Design Phase-II
Data Flow Diagram & User Stories

| Date	03 October 2022
Team ID	PNT2022TMID26243
Project Name	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.

Flowchart :
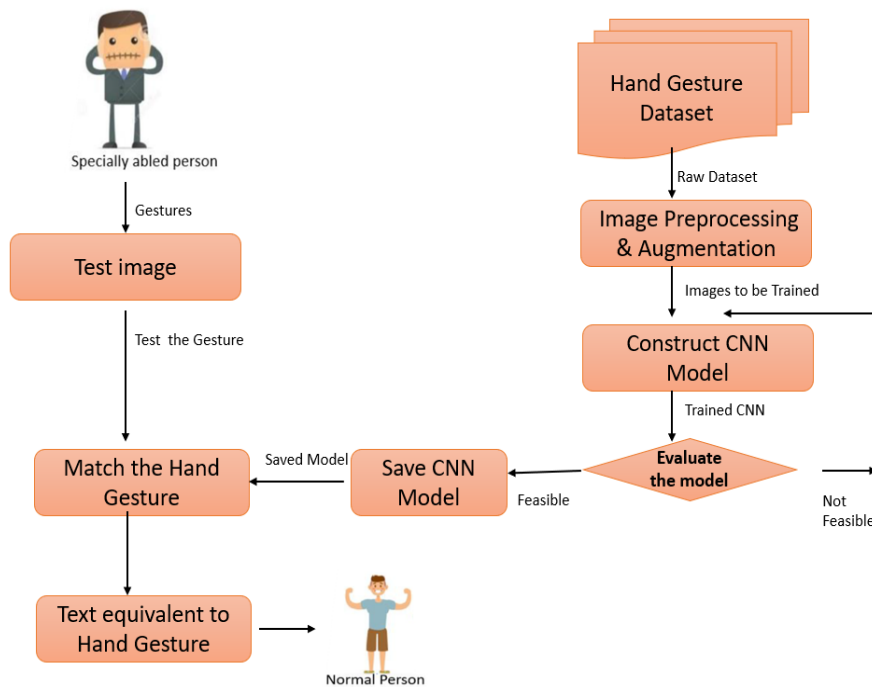
DFD Diagram
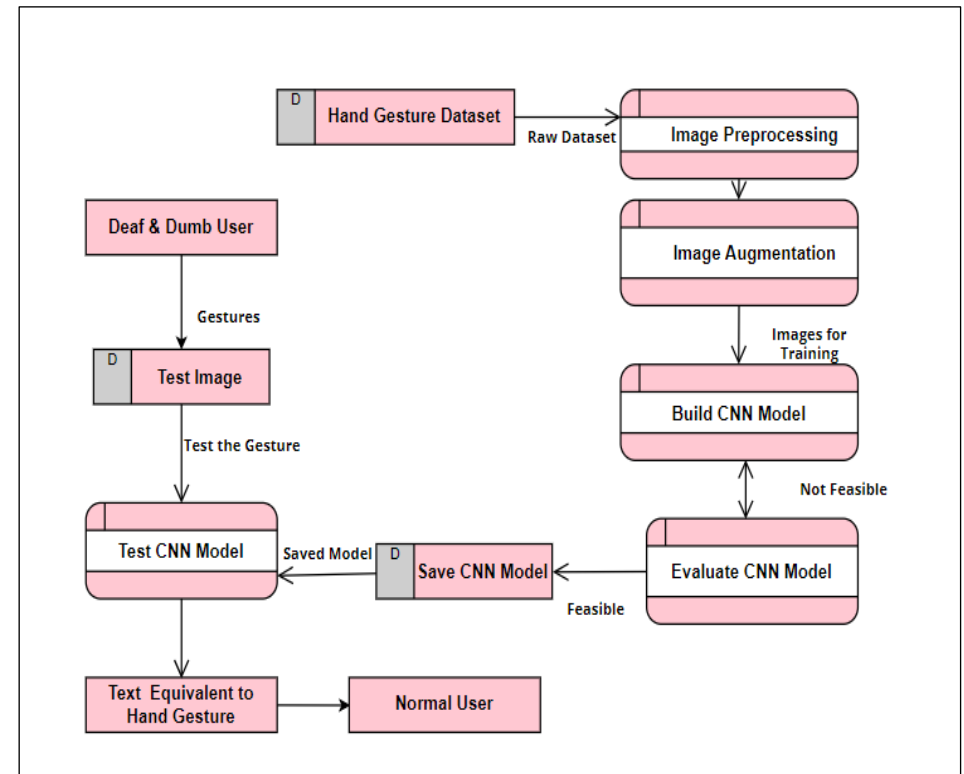
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	User Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
	User Login	USN-3	As a user, I can log into the application by entering email & password	Application validates Login Id , Password and display the dashboard on entering valid details otherwise error msg displayed to user	High	Sprint-1
	Dashboard User Interface	USN-4	As a user, I can select buttons available in the dashboard .2 buttons kept 1. to give Image input from gallery 2. to give input thro white board option	I can access the relevant screen to give input	High	Sprint-2
	Display Sign Language Gallery	USN-5	As a user, I can select the sign from the gallery	I can access the frequently used sign from gallery	High	Sprint-2
	User Input		As a user, I can draw in the white board to give the sign input	I can click Image complete button to convert drawn Sign input to image for further processing	Low	Sprint-3
		USN-6	As a user, I can give image input from gallery	I can click Image complete button to confirm the submission	Low	Sprint-3
	Hand Gesture Recognition	USN-7	As a user, I can select hand gesture recognition to get the equivalent text or audio	I can click the Hand Gesture Recognition button	High	Sprint-4
	Translation Process	USN-8	As a user, I can select translate option to get text or audio	I can click the translate option button	Low	Sprint-4
	Output Process	USN-9	As a user, I can select the output button to get the response	I can get the translated content		

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Admin Console	USN-10	As a admin, I can set/ reset language (default : English) for translation , maintain the app and login credentials	I can get forms to maintain the app	High	Sprint-4