

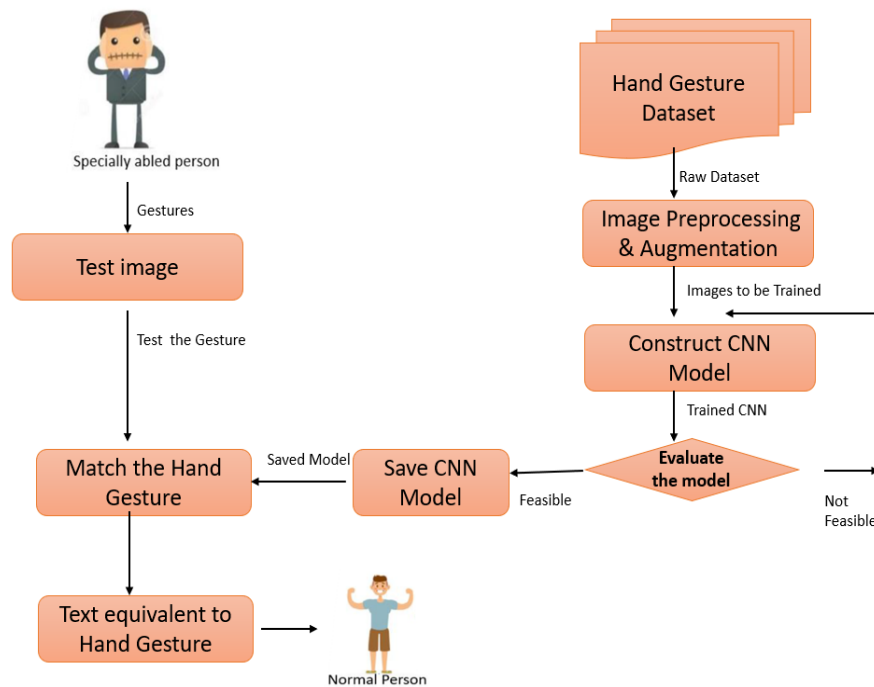
Project Design Phase-II Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID26243
Project Name	Real-Time Communication System Powered By AI For Specially Abled
Maximum Marks	4 Marks

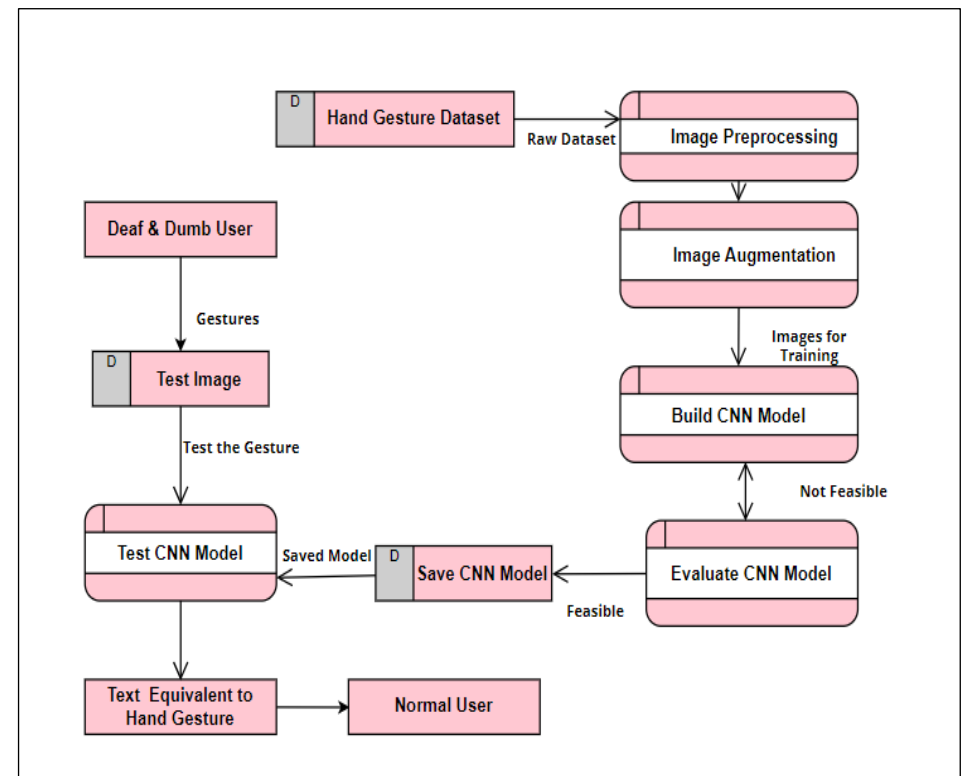
Data Flow Diagrams:

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	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	Low	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 to give Image input	I can access the relevant screen to give input	High	Sprint-2
	User Input	USN-6	As a user, I can give image input	I can click Image submit button for further processing	High	Sprint-2
	Display Sign Language Gallery	USN-5	As a user, I can select the sign from the gallery	I can access the sign from gallery	Low	Sprint 4
	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-3
	Translation Process	USN-8	As a user, I can select translate option to get text or audio	I can click the translate option button	High	Sprint-3
	Output Process	USN-9	As a user, I can select the output button to get the response	I can get the translated content	High	Sprint-4
Administrator	Admin Console	USN-10	As a admin, I can maintain the app by setting /resetting login credentials , uploading images in gallery , language : default : English for translation	I can get forms to maintain the app	Low	Sprint-4