

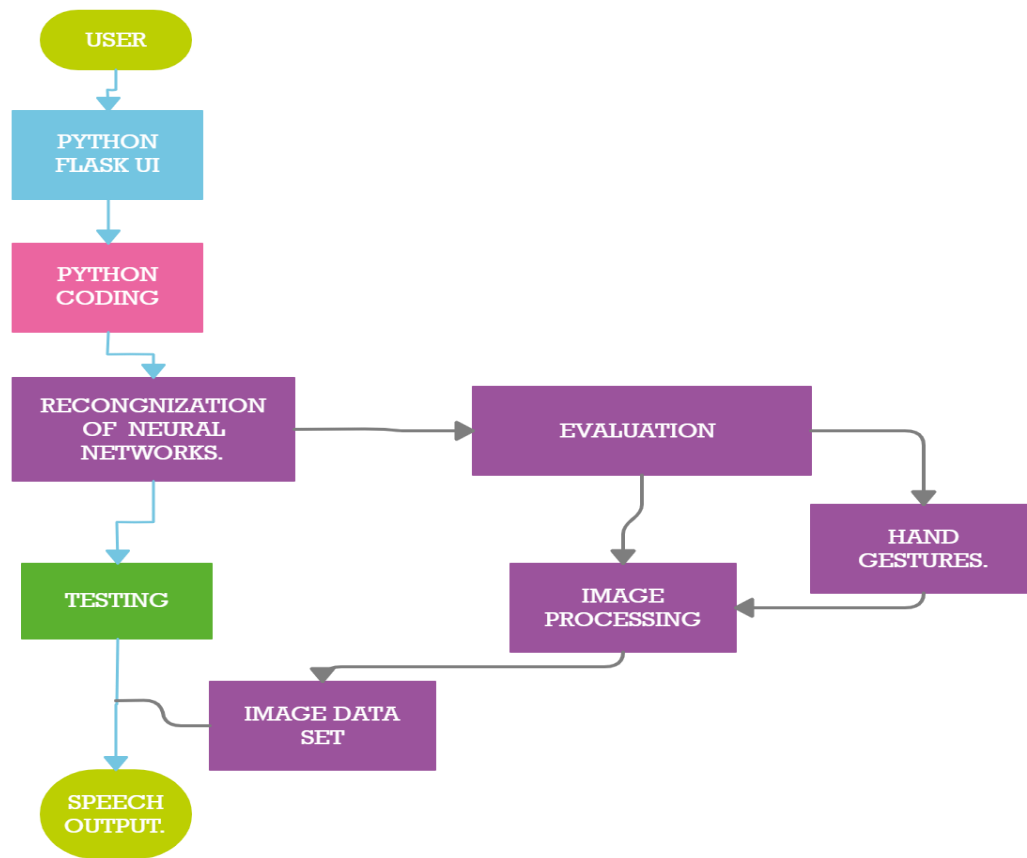
Project Design Phase-II
Data Flow Diagram & User Stories

Date	09 October 2022
Team ID	PNT2022TMID322000
Project Name	Real Time Communication powered by AI for specially abled person.
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: Structural Flow diagram



DATA FLOW DIAGRAM FOR REAL TIME COMMUNICATION POWERED BY AI FOR SPECIALLY ABLED PERSON



Flow Structures:

- 1) User configures credentials and gestures for the Watson Natural Language Understanding service and starts the application.
- 2) User select data file to process and load.

- 3) Datum are loaded with python libraries for gestures recognition.
- 4) Data is trained under trained data set.
- 5) Finally we get output from gestures and sign language into speech output.

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile 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
		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
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
		USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)	Login	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 and dashboard	High	Sprint 1
Customer Care Executive	Chat box	USN-1	It can be used by easily access and responsible	I can access by easily through application	High	Sprint 2
	Calling	USN-2	It can be used by easily access and responsible	I can access by easily through application	High	Sprint 2
	Mail	USN -3	It can be used by easily access and responsible	I can access by easily through application	High	Sprint 1

