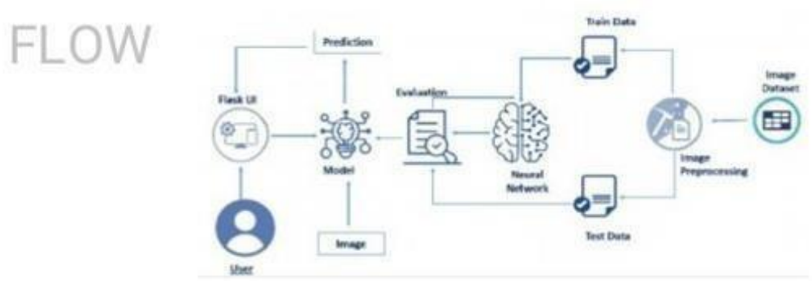
PROJECT DESIGN PHASE-II
DATA FLOW DIAGRAM AND USER STORIES

Date	20October 2022
Team ID	**PNT2022TMID06678**
Project Name	Real time communication powered by artificial intelligence for specially abled
Maximum Marks	4 Marks

Data Flow Diagrams:

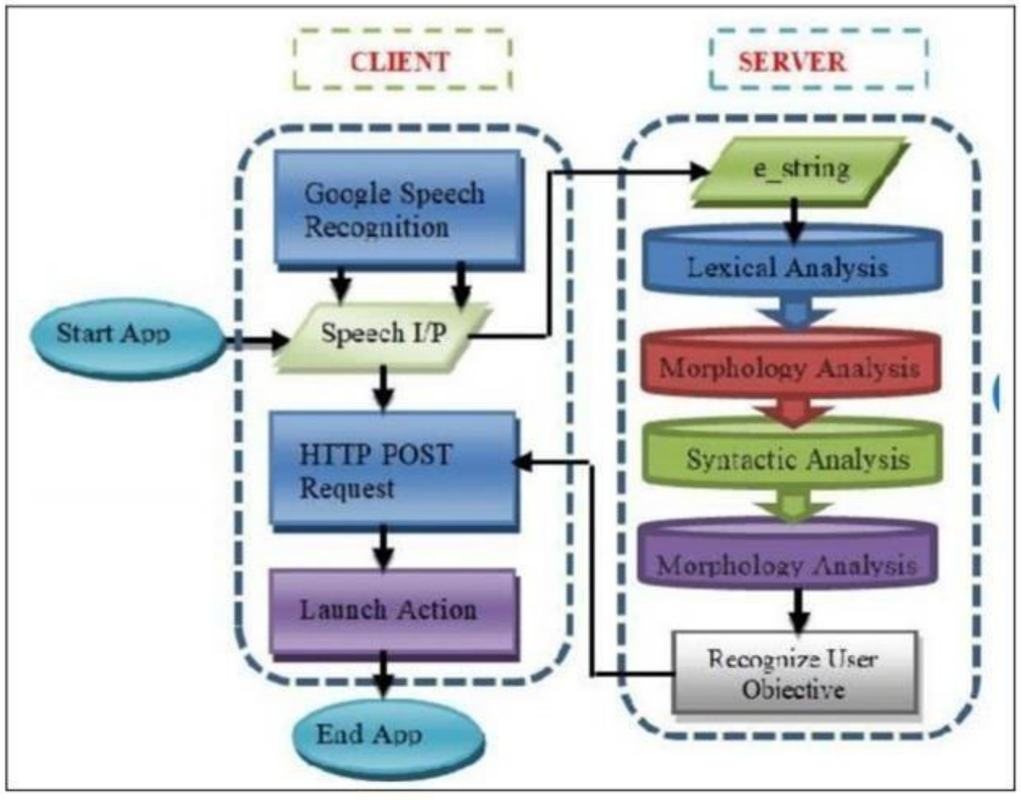
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)



(i) Lexical analysis converts character sequence into token sequence.
(ii) Morphology analysis defines, analyzes, and describes the structure of language units of a particular language.
(iii) Syntactic analysis analyzes the text made from a series of markers to determine grammar structures.
(iv) Semantic Analysis relates syntactic structures from the levels of phrases and sentences to their language-independent meanings.

Example: Real time communication



U6er Stories						
User Type	Functional Requirement (Epic)	User Story Number	User Story/ Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	As a user, I can register for the application by	I can registered my	High	Sprint-1
(Deaf			entering my email, password, and confirming	account.		
people)			my password.			
		USN—2	As a user, I will receive confirmation email	I can received	High	Sprint-2
			once I have registered for the application	confirmation gmail &		
				click confirm.		
	\ Og n	USN-Z	As a user, I can log into the application through	I can registered & access	Low	Sprint-1
			gmail .	the dashboard with		
				gmail Login.		
		USN—4	As a user, I can see my application and made	I can login and see my	Medium	Sprint-2
			changes in any browsers.	Account at anywhere.		
	Dashboard	USN-5	As a user, I can create my account in a	I can access my account /	High	Sprint-1
			given dashboard.	Dashboard.		
Customer	Registration	USN—6	As a User, I can regiser my application through	I can registered my account	High	Sprint-2
Dumb people)			gmail.			
		USN—7	As a User, I can receive confirmation mail and get	I can received confirmation	Low	Sprint-2
			verification code from OTP and gmail.	mail & click confirm.		
	Login	USN-8	As a User, I can log into my account by	I can login and see my	Medium	Sprint-1
			any web browsers.	account.		
	Oashboard	USN—9	As a User, I can create my account in a piven	I can created my account &	High	Sprint-2
			Dashboard.	access into dashboard.		

Customer care Executive	User interface	USN-10	Professional responsible for user requirements & Needs.	Communicate and resolve customer complaints.	High	Sprint-1
Administration	Objective	USN-11	The goal is to describe all the inputs and outputs.	Leading customer	High	Sprint-2
				Fiel ds from admin.		
Cyber Security	privacy	USN-12	The developed application should be secure for the users .	The application is fully managed.	High	Sprint-3