

Project Design Phase-II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID40674
Project Name	Project – Real time communication powered by Artificial intelligence for specially abled
Maximum Marks	4 Marks

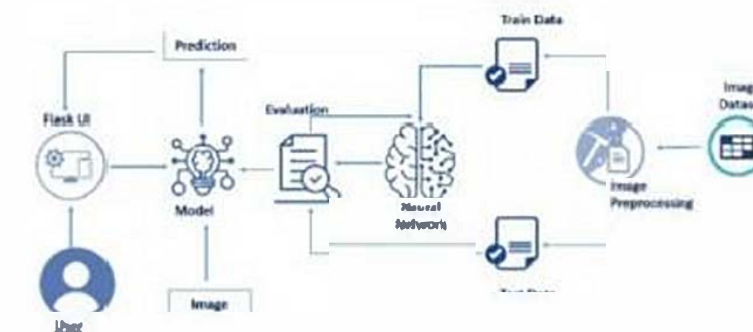
Data Flow Diagrams:

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.

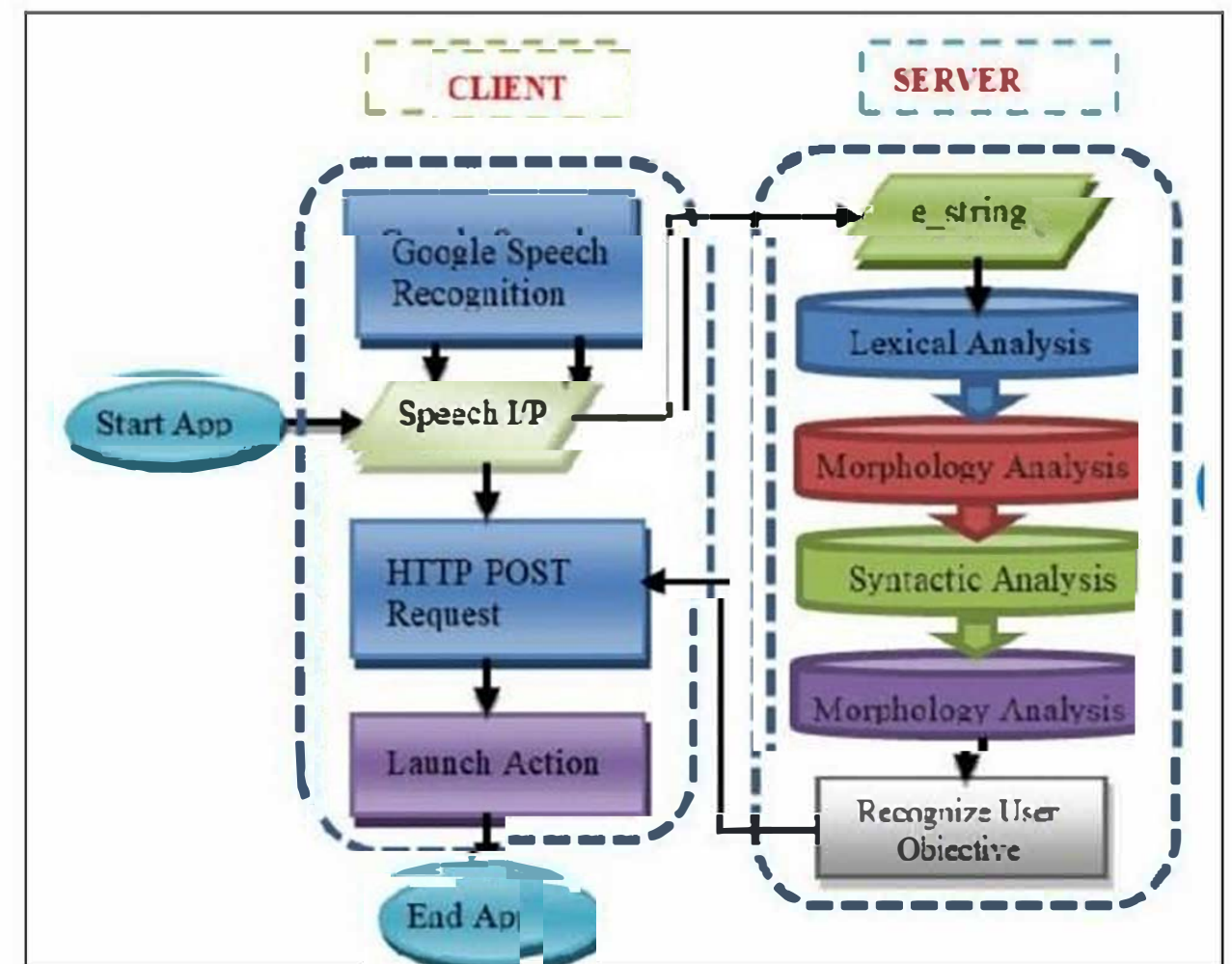
Example: Real time communication

Example: (Simplified)

FLOW



- (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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Deaf people)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can registered my account.	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can received confirmation gmail & click confirm.	High	Sprint-2
	Login	USN-3	As a user, I can log into the application through gmail .	I can registered & access the dashboard with gmail Login.	Low	Sprint-1
		USN-4	As a user, I can see my application and made changes in any browsers.	I can login and see my Account at anywhere.	Medium	Sprint-2
	Dashboard	USN-5	As a user, I can create my account in a given dashboard.	I can access my account / Dashboard.	High	Sprint-1
Customer (Dumb people)	Registration	USN-6	As a User, I can regiser my application through gmail.	I can registered my account .	High	Sprint-2
		USN-7	As a User, I can receive confirmation mail and get verification code from OTP and gmail.	I can received confirmation mail & click confirm.	Low	Sprint-2
	Login	USN-8	As a User, I can log into my account by any web browsers.	I can login and see my account.	Medium	Sprint-1
	Dashboard	USN-9	As a User, I can create my account in a given Dashboard.	I can created my account & access into dashboard.	High	Sprint-2

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 Fields from admin.	High	Sprint-2
Cyber Security	privacy	USN-12	The developed application should be secure for the users .	The application is fully managed.	High	Sprint-3