

Project Design Phase-II Data Flow Diagram & User Stories

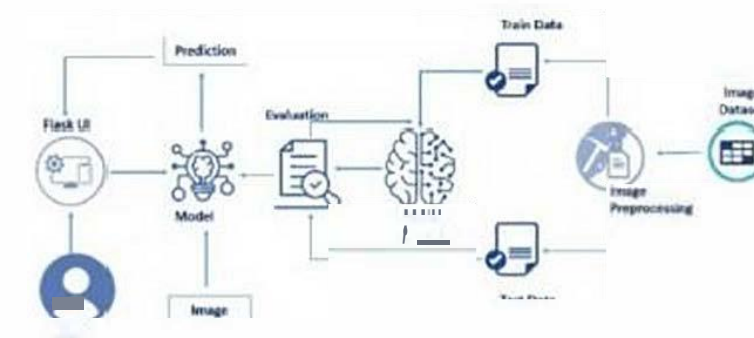
Date	14 October 2022
Team ID	PNT2022TMID40089
Project Name	Project - Real time communication powered by Artificial intelligence for specially abled
Maximum Marks	4 Marks

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 enter s and leaves the system, what changes the information, and where data is stored.

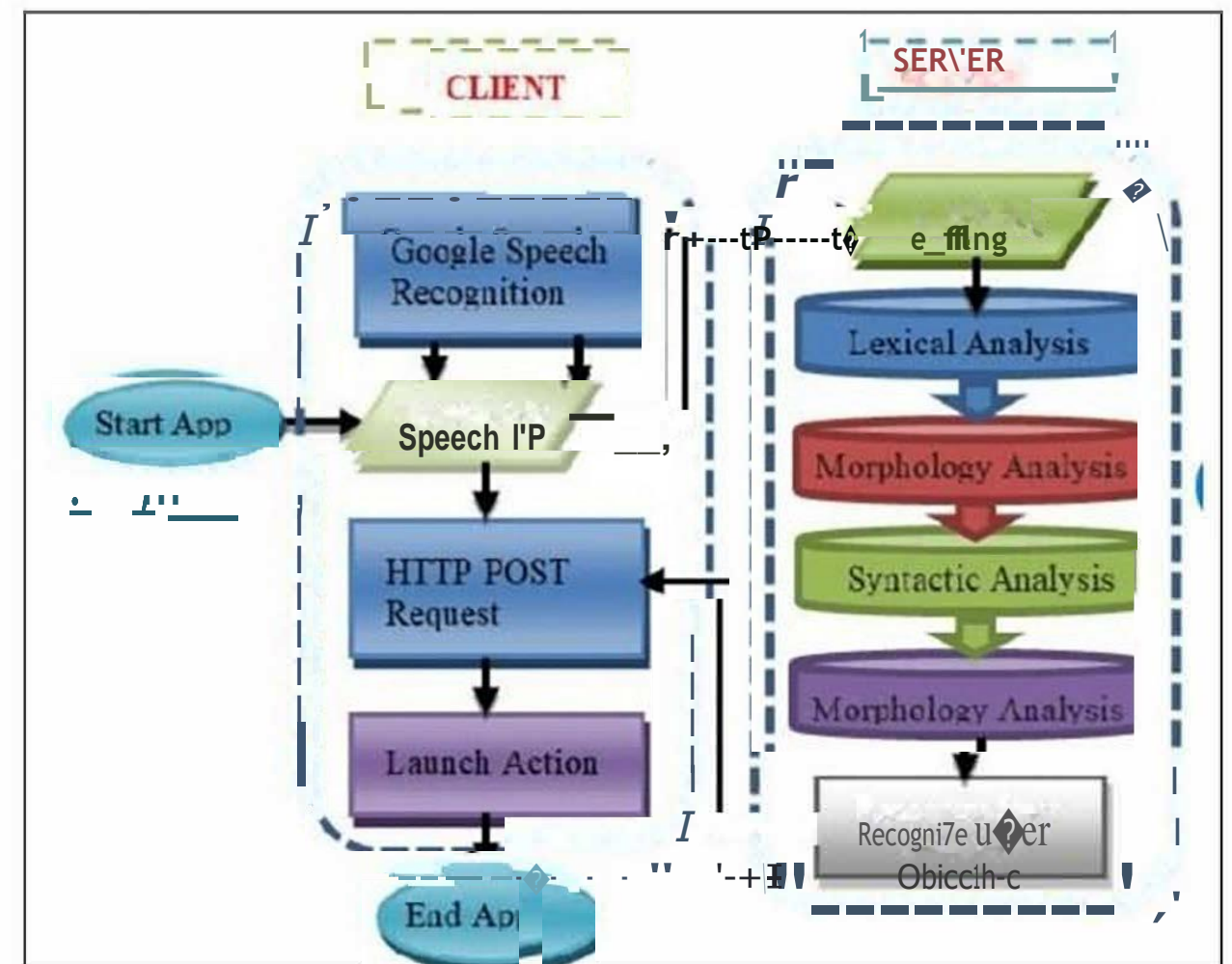
Example: (Simplified)

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.

Example: Real time communication



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