Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID10160
Project Name	Project – 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.
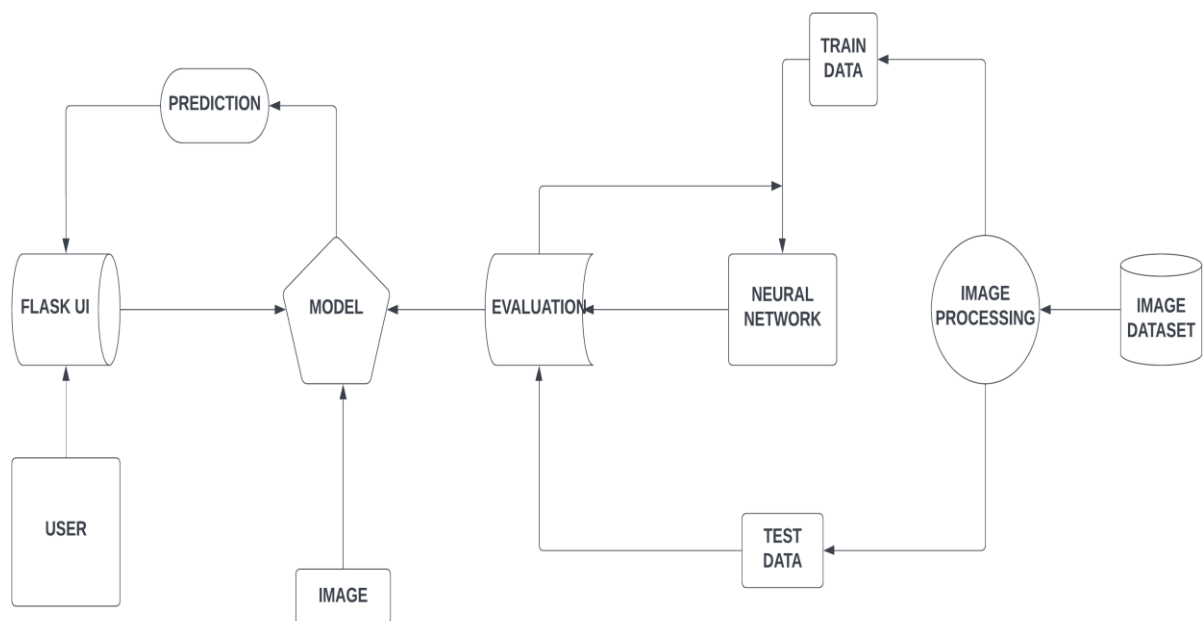
User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (All platforms)	User input	USN-1	As a user, I can input the particular text in the required field and waiting for validation.	The text entered; the text input must satisfy the search requirement	High	Sprint-1
System	Feature extraction		Here system can extract feature using heuristic and visual similarity approach	It must have satisfied the previous Acceptance criteria	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
System	Prediction		Here the Model will predict the hand-sign images using Machine Learning algorithms		High	Sprint-1
System	Classifier		Here it will send all the model output to classifier in order to produce final result		High	Sprint-1
System	Announcement		Displays the converted text to respective hand-sign translation and vice versa			
Customer (All platforms)	Feedback	USN-2	As a user, I can send feedback about the application fault and opinions for improvement	The user must have used the application few times	Low	Sprint-3
Customer (All platforms)	Bugs	USN-3	As a user, I can report bugs in the application	The user must have used the application few times	Medium	Sprint-2
Admin	Tips		Here use of application interface tips is provided for the Customers/Users		Low	Sprint-3