

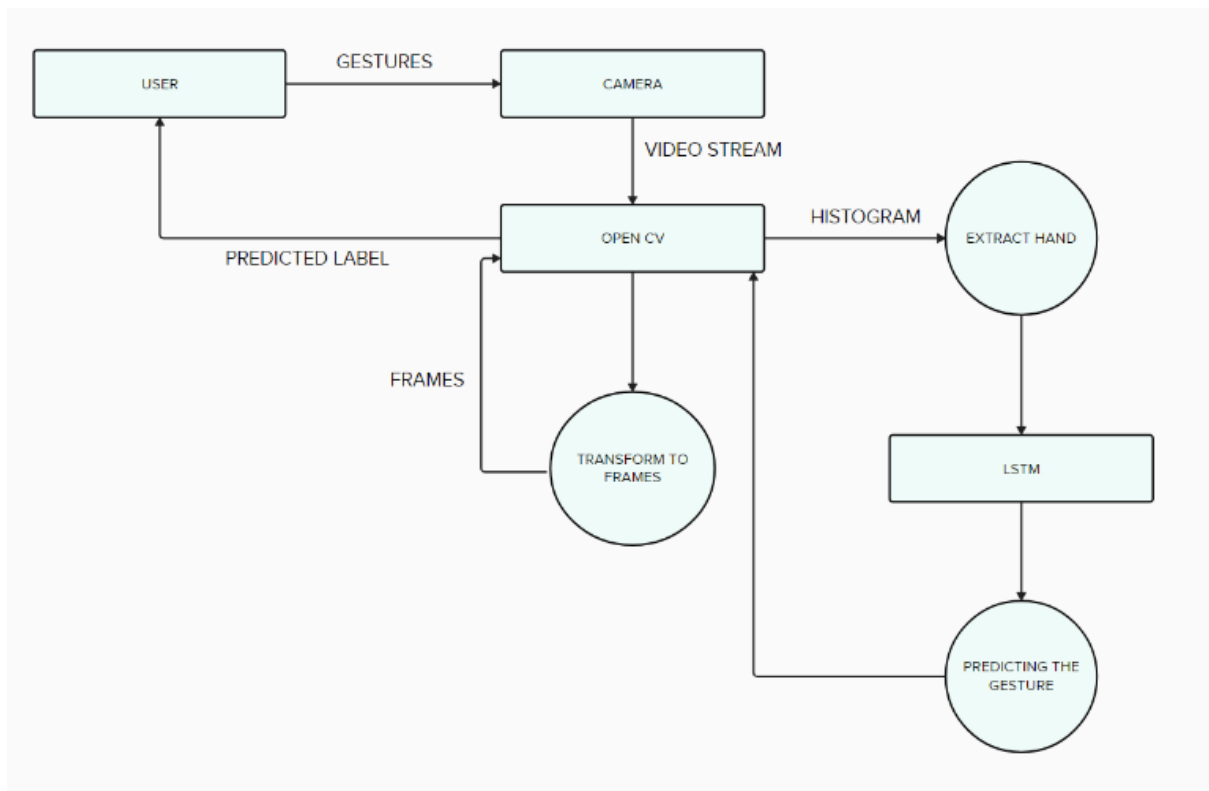
Project Design Phase-II

Data Flow Diagram & User Stories

Date	18 November 2023
Team ID	Team-591988
Project Name	Project - AI Body Language Detector Using Media pipe
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
Regular User	Live Video Capture	US01	Start the AI Body Language Detector and capture live video.	The system provides an interface to start the detector, capturing live video from the user's camera.	High	V1.0
Regular User	Gesture Recognition	US02	Detect and analyse basic body language gestures in real-time.	The detector accurately identifies and highlights key body parts involved in basic gestures, with real-time responsiveness.	High	V1.0
Regular User	Pose Recognition	US03	Recognize specific body poses (e.g., standing, sitting).	The system clearly indicates recognized body poses and accurately distinguishes between different poses.	Medium	V1.1
Regular User	Emotional Analysis	US04	Interpret and display emotions based on body language.	The system provides feedback indicating detected emotions based on body language cues.	Medium	V1.1
System Admin	Data Storage	US05	Store historical body language data for analysis and improvement.	The system has a mechanism to store historical body language data. The stored data should be accessible for further analysis.	High	V1.1