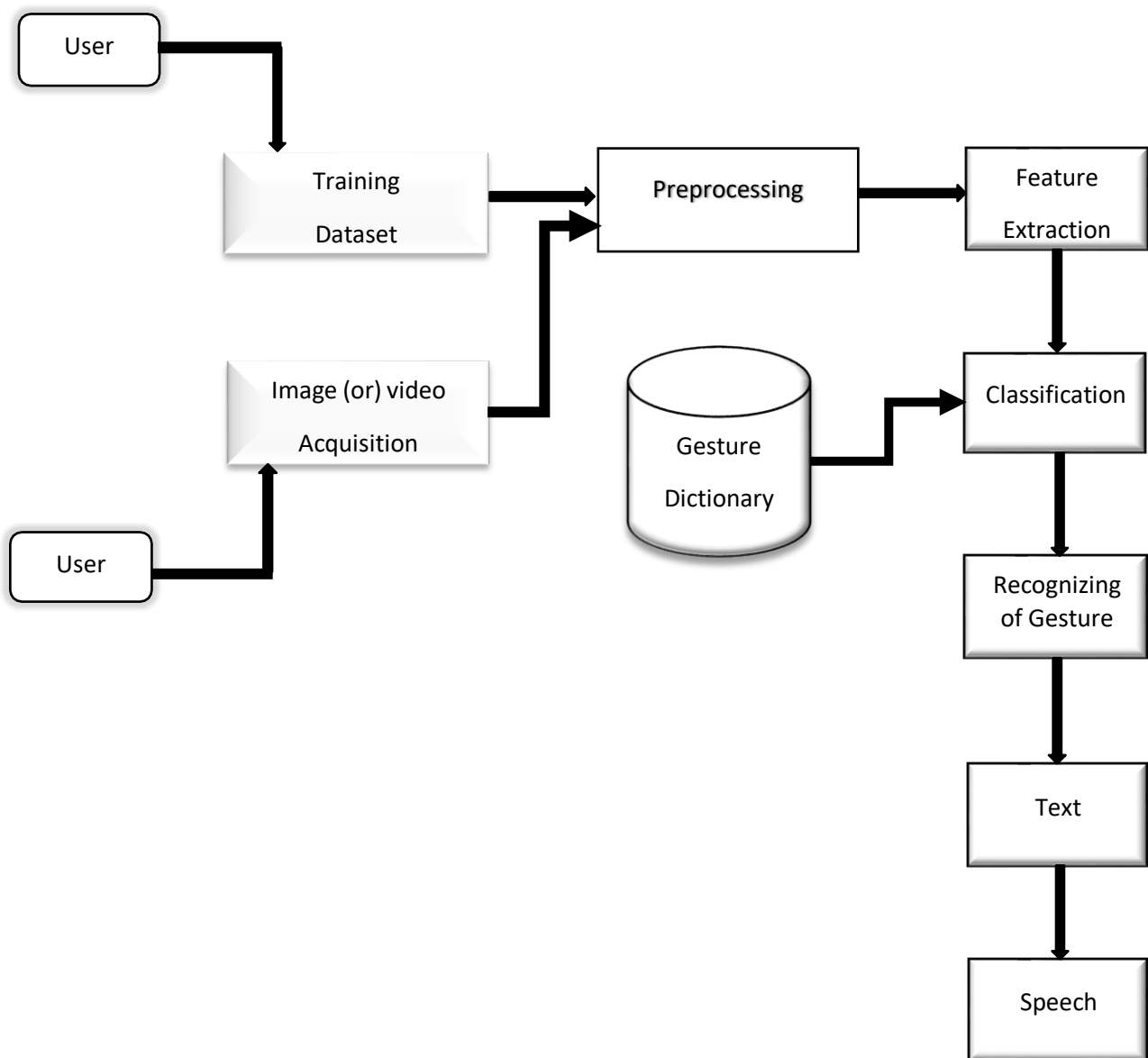


## Data Flow Diagram and Use Case Stories

Date	03 October 2022
Team ID	PNT2022TMID33994
Project Name	Real-Time Communication System Powered by AI for Specially Abled

### Data Flow Diagram(level 0):



## User stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story/Task	Acceptance Criteria	Priority	Release
Customer (mobile user,web user,admin)	web cam	USN-1	As a user ,I can start the webcam to communicate with people	I can access webcam	high	Sprint-1
	Capture video	USN-2	As a user,I can start the video to capture	I can access video	medium	Sprint-1
	Capture gesture	USN-3	It capture my gesture through video	My gesture is captured	high	Sprint-2
	Translate gesture	USN-4	It translates gesture into alphabetic letters	My gesture is translated	high	Sprint-2
	Extract features	USN-5	It extract features from preprocessing	My gesture is extracted	low	Sprint-3
	Match features	USN-6	It match my gesture with sign language dataset	My gesture is matched	high	Sprint-3
	Recognize gesture	USN-7	Finally ,it gives an exact meaning of my gestures	my gesture video is covertred into alphabet in the form of text	high	Sprint-4