

ESP32 CAM MODULE BASED HAND GESTURE IDENTIFICATION FOR MUTE PEOPLE

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Communication is a way to identify the particular needs and necessary. In verbal physically challenged persons require enhanced communication medium to identify their personal thoughts. Gesture is a best medium to convey the message of speaking mute peoples. Each and every action and verb has determined under the individual gesture. This gesture based speaking has more useful only between the physically challenged persons. This gesture based communication has not much effective among the entire society. Because of this proposed system has generated a common communication medium with the aid of ESP32 Cam module. This module is used to capture the action in an eminent manner. The enhanced image processing and machine learning operation is used to modify the system into complete communication platform. This system has classified the various gestures and identifies the corresponding action in an effective manner. This proposed system has improved the life-style of the speaking mute personalities with the aid of efficient and highly accurate gesture identification strategies.