SIGN-LANGUAGE-TRANSLATOR

A **sign language interpreter** is a person trained in **translating** between a spoken and a signed **language**. This usually means someone who interprets what is being said and **signs** it for someone who can't hear, but understands **sign**.

In this project user has to train gestures for initiating and terminating the conversation between the people who are not able to hear.

Proposed system explained:

* In this project a pop-up window will be opened to your interface in which the system requires your permission in order to grant access to your camera and microphone.
* After allowing, user gets directed to the 2nd page in which the system asks the user to train their gestures by making symbols in-front of the camera and click on the **Start Gesture** till it reaches to 30 times and then click on **Stop Gesture**.
* (NOTE: - the user has to cover the whole camera window in order to make the things clear for them)
* Then the user is directed to another page in which he/she has to add their gesture name and thus while applying these gestures a voice command will try to tell the admin/operator which gesture they are applying.

Pre-Requisite Knowledge

1. Java-Script
2. HTML
3. CSS
4. PYTHON (HARDLY REQUIRED)