

DEVELOPED BY



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GIVE DEAF  
PEOPLE CHANCE  
TO COMMUNICATE

 python

colab

 laravel

 OpenCV





## ABOUT US

We introduce a school management platform that supports a real time sign language translator and a facial expression recognition feature as a way to make an easy learning journey for the deaf society





## OUR SERVICE



REAL TIME SIGN LANGUAGE  
ONLINE MEETINGS



STUDENT FEE MANAGEMENT SYSTEM



EXAMS MANAGEMENT SYSTEM



PARENT MONITORING SYSTEM

## ABSTRACT

According to the World Health Organization(WHO), 466 million people are suffering from hearing loss ,i.e., 5% of the world population, of which 432 million (93%) are adults and 34 million (17%) children. The main problem is how deaf and hearing-impaired communicate with people and each other, how they get education or do their daily activities. Sign language is the main communication method for them. Building automatic hand gestures recognition system has many challenges specially in Arabic. Solving recognition problem and practically develop real-time recognition system is another challenge. Several types of research have been conducted on sign language recognition systems but for Arabic Sign Language are very limited

## WHY CHOOSE US ?

- Give people with hearing disability skills necessary to adapt to the society around them.
- Overcome the unfamiliarity with sign language and raise the society's awareness
- Make a dynamic , user-friendly platform enabling teachers communicate with students and parents