

A Communication tool, Mobile Application Arabic & American Sign Languages (ARSL) Sign Language (ASL) as part of Teaching and Learning

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**Application's Photo Examples** 

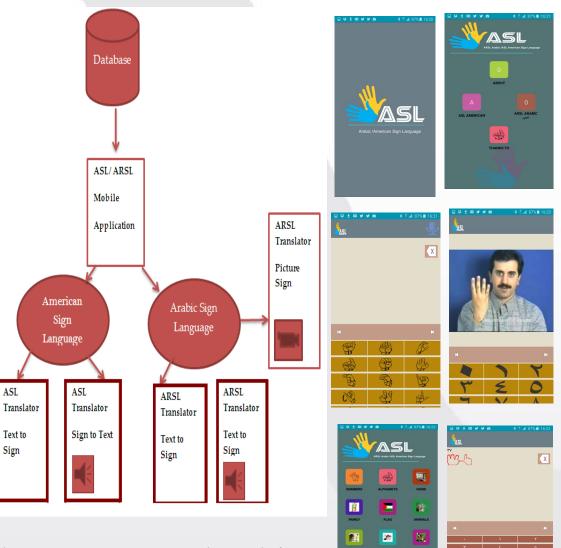
**Abstract** The aim of this application is to support deaf and dumb students, parents and lecturers to learn a powerful mechanism to assists special needs in their daily life routine and to integrate applications as a tool in communicating with them.

The app demonstrates various ways of communication oral, symbolic and written which provides an oversight on ways

**Problem Statement:** The current research showed that only one-way systems are available in both languages which give the user the option of convert signs language to words.

**Aim** *The aim envisages the development of a mobile application.* 

**Target Audience** *The application was developed to help special needs students , parents or anyone who would like to learn Arabic or English using sign language* 



## **References:**

S. Halawani, Arabic Sign Language Translation System On Mobile Devices, IJCSNS International Journal of Computer Science and Network Security, VOL.8 No.1, January 2008

N. El-Bendary1, Hossam M. Zawbaa2, Mahmoud S. Daoud2, Aboul Ella Hassanien2,