Final Year Project Report

Urdu Sign Language Detector

By

Name: Muhammad Talha Khalid   Registration:#15726   Program :BSE

Name :SyedFarhaj Ali   Registration : #14495   Program: BSE

Supervised by

Dr. Syed Asif Ali

Bahria University (Karachi Campus)

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Abstract

Urdu sign language detector is the process of detecting sign language of deaf and dumb people; there are two approaches we have taken out in the development of this project, the first one is text to sign conversion and the other is sign to text conversion.

In the first strategy, "text to sign" involves a text input from a text box and the output will be displayed in image form on the screen.

In the second strategy, 'sign to text' involves a sign as an input through webcam and its output will be in text form which will actually stand for the actual sign.

The purpose of developing this project is to reduce the communication gap between the normal and physically challenged persons such as deaf people as they are also part our community.

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