The project aims to develop a system that converts sign language into a human hearing voice in the desired language to convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb.

We are making use of a convolution neural network to create a model that is trained on different hand gestures. This app enables deaf and dumb people to convey their information using signs which get converted to human -understandable language and speech is given as output.

Most of the people are not aware of sign language, so the main motive of this project is to communicate between both specially abled and human language using the concept of Artificial Intelligence.

The modern systems can help an ordinary person to recognize and understand the sign language. This article presents a method which is related to the recognition of hand gestures using deep learning

There will not be any profit from this project. It is fully service based application.

The application can be integrated with other mobile devices to improve user interaction and make the system more robust. The accuracy of the program can be further improvised by using neural networks.