

DATE:	02-09-2022
TEAM ID:	PNT2022TMID41505
PROJECT:	REAL-TIME COMMUNICATION SYSTEM POWERED BY AI FOR SPECIALLY ABLED
MARKS:	4MARKS

PROBLEM STATEMENT

Communication is the only medium by which we can share our thoughts or convey the message but communications between deaf mute and a normal person has always been a challenging task. It is very difficult for mute people to convey their message to normal people. Since normal people are not trained on hand sign language. In emergency times conveying their message is very difficult.

Problem:

Vedha has difficulty in hearing. He uses sign language to communicate with others. But he can't able to communicate with normal people who don't understand sign language.

Solution:

To develop a system that converts the 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 ,the system enhances the user friendly experience.

Problem:

Ram is a dumb by birth. He uses sign language to communicate with others. But he can't able to communicate with normal people who don't understand sign language.

Solution:

To create a app for understanding sign language and convert into Speech signal as output for normal people.