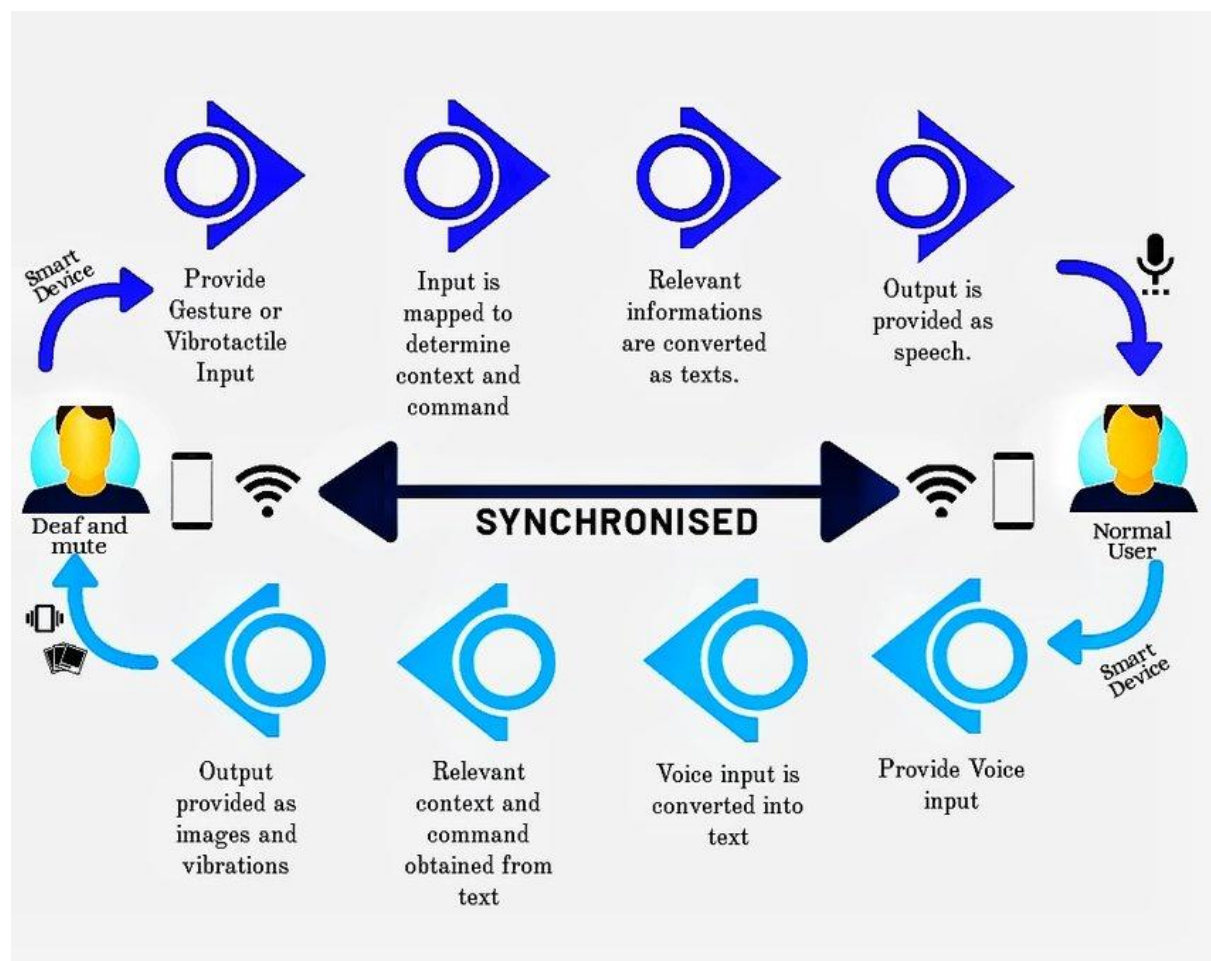| TEAM ID:	PNT2022TMID00995
PROJECT NAME:	Real-Time Communication System Powered By AI For Specially Abled

SOLUTION ARCHITECTURE:

  The project aims 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 and dumb. We are making use of a convolution neural network to create a model that is trained on different hand gestures. An app is built which uses this model. 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.

Overview of two-way communication between normal people and deaf & mute.

The input(Sign Language Images) has be mapped from the database, which is predefined to the system application.

SIGN LANGUAGE IMAGES: