

Project Design Phase-I Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID30828
Project Name	Project - Real-Time Communication System Powered By AI For Specially Abled
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Differently abled like deaf- mute people can communicate only using sign language. So Communications between deaf-mute and a normal person becomes difficult.
2.	Idea / Solution description	Voice Conversion System with Hand Gesture Recognition and translation will be very useful to have a proper conversation between a normal person and an impaired person in any language.
3.	Novelty / Uniqueness	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.
4.	Social Impact / Customer Satisfaction	An App is used that enables deaf-mute people to convey their information using signs which get converted to human Understandable language and speech.
5.	Business Model (Revenue Model)	An app is being built which uses this model.
6.	Scalability of the Solution	Can use both normal and deaf-mute people. Easy to handle. Produces rapid translations. Deliver the accurate content.