

Project Design Phase-I

Proposed Solution

Date	04 october 2022
Team ID	PNT2022TMID47524
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	An application for deaf and dumb people to convey their information using signs which get converted to human-understandable language and speech through Artificial Intelligence.
2.	Idea / Solution description	By using Voice Conversion System with Hand Gesture Recognition and translation will be very useful to have a good and proper conversation.
3.	Novelty / Uniqueness	We are using a convolution neural network to create a model that is trained on different hand gestures and an app is built for the use this mode.
4.	Social Impact / Customer Satisfaction	Communicating with a person and being connected in the society and remove accessibility barriers

5.	Business Model (Revenue Model)	By Using: Better communication with the disabled. Without Using: Can't Communicate and leads to loneliness.
6.	Scalability of the Solution	Enhance people with disabilities to step into a world where they are facing difficulties in communication.