Project Design Phase-I

Proposed Solution System

Date	16 october 2022
Team ID	PNT2022TMID30648
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	2 points

Proposed solution:

The Aim of our solution is to establish communication between the deaf-dumb and normal people to bring betterment for the society.

S.No	Parameter	Description
1	Problem statement (problem to be solved)	To address the challenges faced by deaf-mute persons in their daily life so they can interact with society and feel hopeful.
2	Idea / Solution description	Converting Sign language into human hearing speech, and vice versa using Convolution Neural Network in desired language(Two way Communication Method).
3	Novelty / Uniqueness	Deploying and improving our solution to provide Faster response in Desired language.
4	Social Impact / Customer Satisfaction	- The Application provides good Interfacing. - Improves the Communication between Normal People and Deaf-Dumb. - It leads to the development of technologically advanced society. - It will shatter all the barriers and will help to enhance their skills in a positive manner.
5	Business Model (financial Benefit)	- We will provide campaign awareness about the need of our application. - The application will be made available to more recipients, which will accelerate growth.
6	Scalability of Solution	- The user will find it very simple to use and update. - Encoding the errors and decoding with better accuracy.