

Project Design Phase-I

Proposed Solution

Date	25 September 2022
Team ID	PNT2022TMID10925
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)	The work is to develop a portable device for the disabled people those who are not able to communicate with the normal persons properly. The technology development presents a solution to build up a sign language conversion system to support the individual with hearing loss and mute people. Similarly the speech communication by normal persons will be converted into gestures for the disabled persons for their better understanding. This device will act as a two way communication device between normal and disabled persons.
2.	Idea / Solution description	The specially abled persons are not able to communicate with the people easily because it is difficult to convey to people what they think. So by using this website they can interact with people easily. They can able to convey what they are trying to speak, especially in emergency time.
3.	Novelty / Uniqueness	The application will make understand people what the specially abled person trying to convey. They can convey to the people through website at any time. It can help specially abled persons at their difficult times.
4.	Social Impact / Customer Satisfaction	This idea will create a change in society. Through this both the specially abled person and the normal person build their conversation. This could be useful and create a satisfaction to both of them.
5.	Scalability of the Solution	The application can be improved by adding the language in which the specially abled person trying to convey to the people. It can enable specially abled person to express what they are trying to tell in easy way.