

PROPOSED SOLUTION

Date	19 September 2022
Team ID	PNT2022TMID00379
Project Name	Real Time Communication System Powered by AI for Specially abled
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Design an application for deaf and dumb people to communicate with the normal people using voice hand gesture conversion system.
2.	Idea / Solution description	Designing and implementing a system using artificial intelligence, deep learning algorithms and imageprocessing concepts to take input as hand gestures and generate recognizable outputs in the form of text and voice, so that communication between normal people becomes simpler.
3.	Novelty / Uniqueness	This application makes two way communication with the help of AI and we get quicker responses.
4.	Social Impact / Customer Satisfaction	Specially abled people are now able to speak independently than before. It makes them feel special and the barrier between them and the normal society is broken.
5.	Business Model (Revenue Model)	The system can generate revenue through direct customers and collaborate with health care sector and generate revenue from their customers.
6.	Scalability of the Solution	They can participate in daily activities rather than being inactive and can get good job opportunities.