Project Design Phase-I
Proposed Solution Template

Date	07 NOVEMBER 2022
Team ID	PNT2022TMID40214
Project Name	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)	Existence of complications in understanding inputs from user.
2.	Idea / Solution description	Real-time captioning or translations for people with a hearing impairment or even people who don't speak the language.
3.	Novelty / Uniqueness	We are making use of a convolution neural network to create a model that is trained on different hand gestures.
4.	Social Impact / Customer Satisfaction	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.
5.	Business Model (Revenue Model)	This business model truly revolutionizes accessibility and people with disabilities can drastically improve their everyday lives. The person who is incapable of speaking can easily chat with normal people and the people with hearing impairments can also understand the speech of normal person using this device.
6.	Scalability of the Solution	Accessibility for people with disabilities is high and hearing-impaired users can use text descriptions. Device is portable and power consumption is low. Battery can be charged and reused again. It is user friendly . Hence scalability is high.