Project Design Phase-I
Proposed Solution Template

Date	6 October 2022
Team ID	PNT2022TMID18419
Project Name	Project – Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

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 in Artificial Intelligence.
2.	Idea / Solution description	• By using voice conversation system with hand gesture recognition and translation will be very useful to have a proper conversation. • This makes two people to communicate in a easier and a efficient way.
3.	Novelty / Uniqueness	• We are using Convolution neural network to create a model that is trained on different hand gestures and an app is built for the use this mode. • AI has been deployed/used in an efficient manner in the development of this idea.
4.	Social Impact / Customer Satisfaction	• Communicating with others and being connected in the society and remove accessibility barriers. • With clear results, two people can communicate with each other.

5.	Business Model (Revenue Model)	• First, we offer free usage for everyone. Once our product is familiarized among people, we will turn the users to get the premium subscriptions by offering them with more premium features. • As long as our product is beneficial to the users, subscriptions will increase which is a great business model, as this worked in case of many top MNC's around the world.
6.	Scalability of the Solution	• Useful in organization where communication between co-workers is much important. • Can make collaborations with government. • Example: Tata Group made a collaboration with Indian government in educating people through Cutting-Edge, which is a great success.