

Project Design Phase-I
Proposed Solution Template

Date	20 October 2022
Team ID	PNT2022TMID49307
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)	Communication between deaf -mute and a normal person has always been a challenging task. This could be solved by our application.
2.	Idea / Solution description	Converting sign language into human hearing voice.
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	The main purpose of this application is to make deaf-mute people feel independent and more confident.
5.	Business Model (Revenue Model)	Can generate revenue through direct customer and collaborate with health care sector and generate revenue from their customer.
6.	Scalability of the Solution	This app enables deaf -mute people to convey their information using signs which get converted to human understanding language and speech is given as output.