

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID17320
Project Name	Real-Time Communication System Powered by AI for Specially Abled

Proposed solution:

The motive of our application is to make deaf-dumb people communicate easily with the people by the help of real-time system.

S.No	Parameter	Description
1	Problem statement(problem to be solved)	<ul style="list-style-type: none">To solve the issues of deaf-dumb people to communicate with the people to make them feel confident
2	Idea / Solution description	<ul style="list-style-type: none">Converting sign language into voice and text in the desired language (two-way communication) using Convolutional Neural Network technology.
3	Novelty / Uniqueness	<ul style="list-style-type: none">Upgrading our solution by implementing an alert system using BigPanda algorithm for improvement
4	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">To reduce the risk of losing their lives.It increases the scope for career development.It will smash all the barriers and will help to enhance their skills in a positive manner.
5	Business Model (financial Benefit)	<ul style="list-style-type: none">We will collaborate with multi deaf-dumb organizations to outspread the application.Here we give most of the basic features at free cost but they have to pay if they need more advanced features.
6	Scalability of Solution	<ul style="list-style-type: none">It has very less complexity for the userEncoding the errors and decoding with better accuracy.