Project Design Phase-I

Proposed Solution Template

Team ID	PNT2022TMID27558
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)	☐ To solve the issues of deaf-dumb people to communicate with the people to make them feel confident
2	Idea / Solution description	☐ Converting sign language into voice and text in the desired language (two-way communication) using Convolutional Neural Network technology.
3	Novelty / Uniqueness	☐ Upgrading our solution by implementing an alert system using BigPanda algorithm for improvement
4	Social Impact / Customer Satisfaction	☐ 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)	☐ 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	☐ It has very less complexity for the user ☐ Encoding the errors and decoding with better accuracy.