

**Project Design Phase-I**  
**Proposed Solution Template**

Date	10 October 2022
Team ID	PNT2022TMID50812
Project Name	Real Time Communication System powered by AI for specially abled people
Maximum Marks	2 Marks

**Proposed Solution Template:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Communication between deaf-mute and normal person has always been challenging task. Since normal people are not trained on hand sign language
2.	Idea / Solution description	To develop a system that converts the sign language into a human hearing voice in the desired language to convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb.
3.	Novelty / Uniqueness	Development of an app which enables deaf and dumb people to convey their information using signs.
4.	Social Impact / Customer Satisfaction	This system enables better understanding between normal person and deaf people thus it make sociably user friendly between both of them.
5.	Business Model (Revenue Model)	Targeted to person who are deaf and mute people, In India about 84 million people are deaf and mute according to Otology survey, this model helps for them, this inturn has steady revenue
6.	Scalability of the Solution	This is highly scalable model because it can be used in gestrue recognition, it is hands on model and it can be used in many applications.