

Project Design Phase-I
Proposed Solution Template

Date	27 September 2022
Team ID	PNT2022TMID04485
Project Name	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 the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Real-Time Communication System Powered by AI for Specially Abled
2.	Idea / Solution description	An application for physically challenged people who are mute and deaf kids to learn sign language starting from alphabet recognition.
3.	Novelty / Uniqueness	There are many applications that have the ability to convert sign language to text or speech. We are aiming to specialize in a particular field that focuses on deaf and mute kids who are just learning sign language and allowing them to recognize the English Alphabets.
4.	Social Impact / Customer Satisfaction	Deaf and mute kids can easily learn sign language and communicate with others.
5.	Business Model (Revenue Model)	Right now the application is profitless but in the future we might add an option of premium plans for advanced learning.
6.	Scalability of the Solution	Over 27,000 children are born deaf and mute every year in India. This application is scalable for all the children interested to learn sign language.