

Project Design Phase-I

Proposed Solution Template

TITLE	REAL TIME COMMUNICATION POWERED BY AI FOR SPECIALLY ABLED
TEAM ID	PNT2022TMID20440
TEAM LEAD	LAKSHANA S
TEAM DETAIL	MAHALAKSHMI A MEENATCHI SOUNDARI T POORNACHANDHRIKA M PUNITHA M

Proposed Solution Template:

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	Sign Language is a communication method used by people with hearing disability or speaking disability using hand gesture. Since it is not know by everyone people with disability tents to face difficulty while communicating. The proposed system is to help them convert the gesture-based sign language to voice based message
2.	Idea / Solution description	The idea is to identify the live gestured based sign language and to translate it into the voice-based message to make the communication easy for the differently abled people
3.	Novelty / Uniqueness	The idea is to create a system that will ease out the processes of conversion of sign language to hearable voice message. The application is trained with every gesture possible.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ● To boost the confidence of a differently abled person by making them independent ● To break the communication barrier ● Ease the conversion of sign language to voice-based message ● To improve the everyday lives of people with disabilities
5.	Business Model (Revenue Model)	The targeted customers of this system are people with hearing disability and speaking disability and the people around them Because of its uniqueness and the essentiality undoubtedly the market of the system will be huge
6.	Scalability of the Solution	The proposed application for the people with disability is accessible in desktops, mobile phones around the globe.