

Project Design Phase-1

Proposed Solution Template

Date	05 th November 2022
Team Id	PNT2022TMID22136
Project Name	Artificial intelligence (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 proposed solution template.

S.No.	Parameter	Description
1.	Problem statement (Problem to be solved)	It has always been difficult to communicate with those who are deaf and hearing people. Deaf people find it extremely difficult to communicate with hearing people. Due to regional differences in slang there is additional compilation
2.	Idea / Solution description	As a result, we are using a convolutional neural network to built model that is trained on various hand movements, A feature is created that utilises the model.
3.	Novelty / Uniqueness	Therefore, the function allows deaf persons to communicate by employing signs that are translated into speech and human-understandable language.
4.	Social impact / customer satisfaction	It can be quite challenging for them to communicate their message in emergency situations. The human hand has remained a common method of communication. information when other formats, such as Speech is not allowed. then voice Conversion system that recognises hand gestures and A proper understanding will benefit from translation.an ordinary human and an alien in Conversation any language-impaired person.
5.	Business model (Revenue model)	Price the product as a service (model), financial sustainability, and the offer.
6.	Scalability of the solution	Even though technology is constantly evolving, there are some substantial advancements being made for the benefit of these folks.