Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID19181
Project Name	Project -Real time communication system powered by AI 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)	Deaf and dumb people couldn't able tocommunicate with the normal people easily.
2.	Idea / Solution description	A real time ML based systemis built for thereal time sign language detection withaTensor Flow object detection.
3.	Novelty / Uniqueness	This model using SSD ML algorithmrecognizing the signs as words insteadof old traditional translators, that are very slow and take too much since every alphabet as to be recognized to formthewhole statement in old methods.
4.	Social Impact / Customer Satisfaction	It drastically reduce communication difference gap between normal peopleandspecially abled people with the help of AI. So they can live their life independently.
5.	Business Model (Revenue Model)	We use freemium business revenue model for making revenue. In our device, wegivemost of the basic features for free of charge but they have to pay if they needmore advanced features.
6.	Scalability of the Solution	The model which is TensorFlowmodel that has been used can be replaced with another model as well. The same system can be implementedfor different sign languages by substitutingthedataset.