

Project Design Phase-I
Proposed Solution

Date	2 October 2022
Team ID	PNT2022TMID09385
Project Name	Real-Time Communication System powered by AI for Specially Abled
Maximum Marks	2 Marks

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	To eliminate the problem in communication between specially-abled persons and people who do not know sign language.
2.	Idea / Solution description	The solution will be a cloud-based AI application that translates the sign language to text/sound and vice versa.
3.	Novelty / Uniqueness	This also can be used to translate sign language into many languages preferred by customers.
4.	Social Impact / Customer Satisfaction	The specially-abled persons can communicate with others without hindrance or hesitation and they can contribute to society as equal counterparts to normal people.
5.	Business Model (Revenue Model)	First, we deploy our product as a free product to get customer reviews and bugs, with consistent updates, and to improve the performance we make the product a subscription-based product or usage-based pricing scheme with a free plan which have limited features.
6.	Scalability of the Solution	The scalability of the model since will be very high since we are using IBM cloud and IBM cloud databases.