PROJECT DESIGN PHASE-I

PROPOSED SOLUTION

Date	14 October 2022
Team ID	PNT2022TMID40674
Project Name	Project-Real Time Communication System Powered by AI For Specially Abled
Maximum Marks	2 Marks

Proposed Solution:

S.NO.	PARAMETER	DESCRIPTION
1.	Problem Statement(problem to be solved)	**Statement-**Communication between deaf-mute and a normal person has always been a challenging task. **Description** :It is very difficult for mute people to convey their message to normal people in emergency times as well as in normal times.
2.	Idea/Solution Description	1.The ideas consisted of designing and implement a system using artificial intelligence, image processing and data mining concepts to take input as hand gestures.

		2. It generates recognizable outputs in the form of text and voice with 91% accuracy.
3.	Novelty/Uniqueness	1. Artificial Intelligence developed the app called **GnoSys** uses neural networks and computer. 2. It recognizes the video of sign language speaker,and then smart algorithms translate it into speech.
4.	Social Impact/Cutomer Statisfication	1. About two thirds of People with a mobility and dexterity disability are most likely to experience a great deal of difficulty with everyday activities. 2. The main purpose of this application is to make deaf-mute people feel independent and more confident.
5.	Business Model (Revenue Model)	1. AI can generate revenue through direct customers and collobrate with health care sector and generate revenue from their customers. 2. B2B setting uses to employ deaf and mute employees can use to convey messages according to the company.

6.	Scalability Solution	1. AI technology helping disabled people opens up new opportunities for accessibility inclusion in societyand independent living. 2. It could unlock more advanced and innovative solutions for addressing the most complex challenges faced by disbled peoples.