

## PROJECT DESIGN PHASE-I

### PROPOSED SOLUTION

Date	11 October 2022
Team ID	PNT2022TMID01168
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)	<b>Statement</b> -Communication between deaf-mute and a normal person has always been a challenging task.  <b>Description</b> :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.

		<p>2. It generates recognizable outputs in the form of text and voice with 91% accuracy.</p>
3.	Novelty/Uniqueness	<p>1. Artificial Intelligence developed the app called <b>GnoSys</b> uses neural networks and computer.</p> <p>2. It recognizes the video of sign language speaker, and then smart algorithms translate it into speech.</p>
4.	Social Impact/Customer Satisfaction	<p>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.</p> <p>2. The main purpose of this application is to make deaf-mute people feel independent and more confident.</p>
5.	Business Model (Revenue Model)	<p>1. AI can generate revenue through direct customers and collaborate with health care sector and generate revenue from their customers.</p> <p>2. B2B setting uses to employ deaf and mute employees can use to convey messages according to the company.</p>

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