

Project Design Phase I
Proposed Solution
Template

Date	29September2022
Team ID	PNT2022TMID00668
Project Name	Project – Real –Time Communication System Powered By AI For Specially abled Persons
Maximum Marks	2Marks

Proposed Solution Template:

Parameter	Description
Problem Statement(Problem to be solved)	To provide an Efficient communication app which translates the hand signs into text and voice mode for deaf and dumb people.
Idea/Solution description	<ul style="list-style-type: none"> It generates recognizable outputs in the form of text and voice with maximum accuracy Voice assistant is implemented that take input as speech patterns and convert the text into voice.
Novelty/Uniqueness	<ul style="list-style-type: none"> Artificial Intelligence developed the app called GnoSys uses neural networks and computer. It recognizes the video of sign language speaker, and then smart algorithms translate it into speech.
Social Impact/Customer Satisfaction	<ul style="list-style-type: none"> The main purpose of this application is to make deaf–mute people feel independent and more confident It changes the mindset of the disabled, that even They can too be involved in a common conversation like others.
Business Model (Revenue Model)	<ul style="list-style-type: none"> AI can generate revenue through direct customers and collaborate with health care sector and generate revenue from their customers Faster and efficient, the concerned text or voice as output is produced, the more it leads to optimize the app with new advancements.

Scalability of the Solution	<ul style="list-style-type: none">• AI could unlock more advanced and innovative solutions for addressing the most complex challenges faced by disabled peoples.• AI technology helping disabled people opens up new opportunities for accessibility inclusion in society and independent living.