

Ideation Phase

Define the Problem Statements

DATE	14 November 2022
TEAM ID	PNT2022TMID18994
PROJECT TITLE	Real Time Communication system powered by AI for Specially abled
MAXIMUM MARK	2 Marks



Problem Statement (PS):	<p>In our society, we have people with disabilities. The communication and technologies associated with it is developing day by day. Especially, In the domain of Artificial Intelligence-healthcare systems, communication between specially abled and normal persons is becoming popular day by day. Differently abled peoples require better forms of communication with the help of new technologies so that they can significantly improve their ability to get around and participate in daily activities. Since normal people are not trained, it is very difficult for them to understand their needs. Hence, normal people need special mechanisms to communicate with the differently abled and thus understand their needs and concerns and to have a proper communication medium.</p> <p>The project focuses on developing a system which converts the sign language into a human hearing voice in the desired language to convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb.</p>
I am (Specially abled person)	<p>A Specially abled person, who finds difficulties in communicating with the normal people and couldn't able to convey what they feel.</p> <p>And so, the talented ones not able to express what they feel.</p>
I'm trying to	<p>Communicate with normal persons to convey the information which I intend to.</p>
But	<p>I can't able to communicate easily with the people and they find it difficult to understand.</p>
Because	<p>Only few knows about the hand sign gesture language and not most of the people knows. So, it is a problem that every impaired person has in their life.</p>
Which makes me feel	<p>Frustrated, Lose confidence, Anxiety.</p>

