Computer Science and Engineering
IBM NALAIYA THIRAN
Ideation Phase
Define the Problem Statements
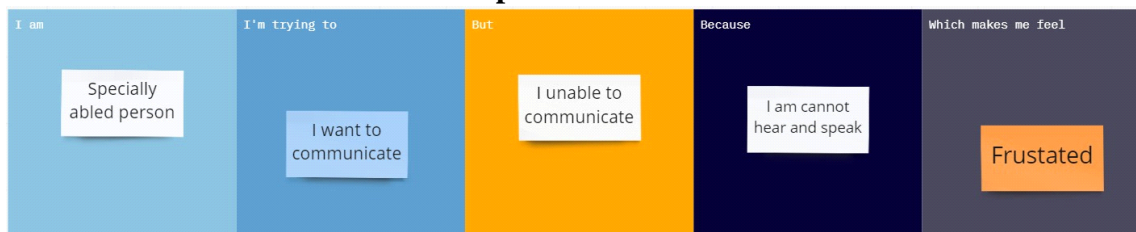
Date	19 September 2022
Team ID	PNT2022TMID06858
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	2 Marks

Customer Problem Statement:

In our society, we have people with disabilities. The technology is developing day by day butno significant developments are undertaken for the betterment of these people.

Communications between deaf-mute and a normal person has always been a challenging task.It is very difficult for mute people to convey their message to normal people. Since normal people are not trained on hand sign language. In emergency times conveying their message isvery difficult. The human hand has remained a popular choice to convey information in situations where other forms like speech cannot be used. Voice Conversion System with Hand Gesture Recognition and translation will be very useful to have a proper conversation between a normal person and an impaired person in any language. The project aims to develop a system that 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.

Customer Problem Statement Template :

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Specially abled	hear sound	I unable to hear	I am physically disabled to hear	frustrated