

## Ideation Phase

### Define the Problem Statements

Date	03 Novemember 2022
Team ID	PNT2022TMID27708
Project Name	Project - Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	2 Marks

#### Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

<b>I am</b>	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
<b>I'm trying to</b>	List their outcome or "job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
<b>but</b>	Describe what problems or barriers stand in the way - what bothers them most?	Describe the problems or barriers that get in the way here
<b>because</b>	Enter the "root cause" of why the problem or barrier exists - what needs to be solved?	Describe the reason the problems or barriers exist
<b>which makes me feel</b>	Describe the emotions from the customer's point of view - how does it impact them emotionally?	Describe the emotions the result from experiencing the problems or barriers

I am	I'm trying to	But	Because	Which makes me feel
Deaf and Dumb people	Communicate	Its time consuming	Takes long time to sign image classification	Frustrated

I am	I'm trying to	But	Because	Which makes me feel
Deaf and Dumb people	Communicate	Lack of proper communication	insufficient Dataset	Annoyed

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Deaf and Dumb people	Communicate	Its time Consuming	Takes long time to classify sign images	Frustrated
PS-2	Deaf and Dumb people	Communicate	Lack of proper communication	Insufficient Dataset	Annoyed



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Normal People	Communicate	Sign Language media not found	Insufficient data according to speech input	Disappointed
PS-2	Normal People	Communicate	Displaces incorrect sentences	Voice is not correctly recognised	Dissatisfied