

## Ideation Phase

### Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID12764
Project Name	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 - <i>who are they?</i>	Describe the customer and their attributes here
<b>I'm trying to</b>	List their outcome or "job" the care about - <i>what are they trying to achieve?</i>	List the thing they are trying to achieve here
<b>but</b>	Describe what problems or barriers stand in the way – <i>what bothers them most?</i>	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 – <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
<b>which makes me feel</b>	Describe the emotions from the customer's point of view – <i>how does it impact them emotionally?</i>	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

#### Example:



<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Suresh, one with hearing and speech disabilities	have a system or a device that replace my disabilities	could not find such a system	such a system is rarely available and does not effectively solves my problem	clueless
PS-2	a deaf-mute	find a system that replaces my disabilities so that I can overcome my inferiority complex and mingle with others	could not find one	no technology application is effective and user friendly	clueless
PS-3	an illiterate deaf-mute	have a system that helps me understand others speech as well as convey my message to normal people	such system which can solve my problem is not available	they convert speech to text and not as sign-language, which I cannot read	annoyed
PS-4	a person with hearing and speech disabilities	use a mobile application that facilitates verbal communication even during emergency situations with people who do not know sign language	no device in the market satisfies me	they are standalone devices and cannot be carried always	helpless
PS-5	a deaf-mute	live independently without others help to communicate	no product in the market is able to replace my sign-language translator	they are not as effective as human	frustrated