

Ideation Phase

Define the Problem Statements

Date	29 April 2023
Team ID	NM2023TMID07918
Project Name	AI enabled car parking using open CV
Maximum Marks	2 Marks

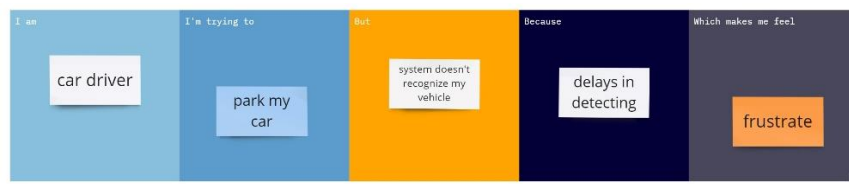
Customer Problem Statement Template:

I am a driver using an AI-enabled car parking system that utilizes OpenCV technology. I'm [trying to accomplish a specific goal related to parking], but [encountering a specific challenge related to the system's performance], because [a specific reason for the challenge, such as occlusions, lighting conditions, or technical glitches]. This makes me feel [an emotion or sentiment related to the challenge, such as frustrated, anxious, or dissatisfied], and I am concerned about [potential negative outcomes, such as parking violations, delays, or safety issues]

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

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

Example:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	parking lot owner	AI-enabled parking system	spots efficiently	real-time processing	concerned about the system's accuracy and reliability
PS-2	driver	find a parking spot	fails to detect	lighting conditions	Dissatisfied with the technology