

## Ideation Phase

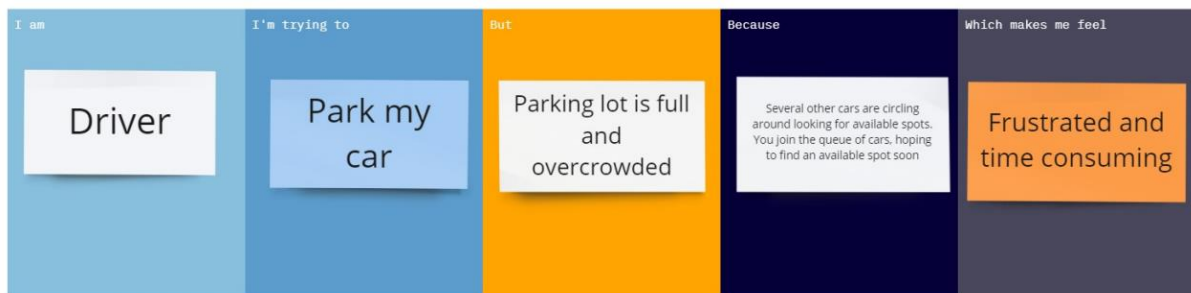
### Define the Problem Statements

Date	05 May 2023
Team ID	NM2023TMID16858
Project Name	AI Enabled Car Parking Using Open CV
Maximum Marks	

#### Customer Problem Statement:

The existing parking system in a busy city has become inefficient and congested, causing frustration and delays for drivers. The parking authority is looking for a solution that will optimize the use of available parking spaces, reduce traffic congestion, and improve the overall parking experience for drivers. The objective of this project is to design and implement a smart parking system that uses AI and computer vision technologies to detect and monitor available parking spots in real-time.

#### Example:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Driver	Park my car	Parking lot is full and overcrowded	Several other cars are circling around looking for available spots. You join the queue of cars hoping to find an available spot soon.	Frustrated and time consuming