Ideation Phase

Define the Problem Statements

Date	28 June 2025
Team ID	LTVIP2025TMID40374
Project Name	Traffictelligence: Advanced traffic volume estimation with machine learning
Maximum Marks	2 Marks

Problem Statement Template:

TrafficTelligence project, which focuses on using AI/ML for traffic volume estimation, customer problem statements help clearly define user challenges. These statements ensure the solution is truly meaningful and user-centered.

1. Problem Statement 1 – Traffic Police

2. Problem Statement 2 – Commuter

Problem Statement 1

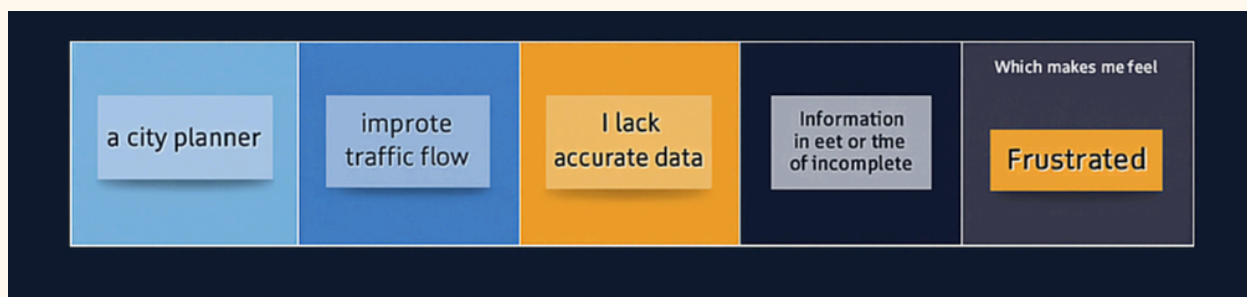|	
I am **I'm trying to**	a trafffic police officer responsibile for monitoring road congestion
But	manage traffic efficiently and avoid long traffic jams
Because	I don't have real-time data on traffic volume and fiow
Which makes me feel	helpless and overwhelmed during peak hours

Problem Statement 2

I'm trying to	a daily commuter traveling to work through busy intersections
But	reach my office on time using the fastest route
I slways get stuck in	I always get stuck in unplanned traffic congestions
Which makes me feel	there is no smart app or alert system to predict jams

I am	Describe the user and the attributes here
I'm trying to	List the thing they are trying to achieve here
but	Describe the problems or barriers that get in the way here
because	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions the result from experiencing the probiems or barriers

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

For Example:

a city planner	improte traffic flow	I lack accurate data	Information in eet or tme of incomplete	Which makes me feel / Frustrated

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1					

PS-2					