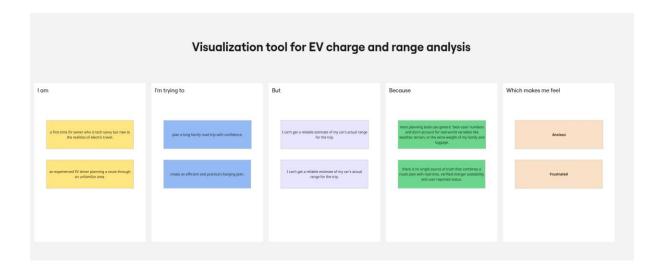
Ideation Phase Define the Problem Statements

Date	31 January 2025
Team ID	LTVIP2025TMID48398
Project Name	Visualization tool for EV charge& range analysis
Maximum Marks	2 Marks

l am	Describe customer with 3-4 key characteristics - who are they?	Describe the customer and their attributes here
I'm trying to	List their outcome or "Job" the care about - what are they trying to achieve?	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way – what bothers them most?	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists – what needs to be solved?	Describe the reason the problems or barriers exist
which makes me feel	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



Problem	I am	I'm trying to	But	Because	Which makes me feel
Statement (PS)	(Customer)				
PS-1	a first-time EV owner who is tech- savvy but new to the realities of electric travel.	plan a long family road trip with confidence.	I can't get a reliable estimate of my car's actual range for the trip.	most planning tools use generic 'best-case' numbers and don't account for real-world variables like weather, terrain, or the extra weight of my family and luggage.	Anxious
PS-2	an experienced EV driver planning a route through an unfamiliar area.	create an efficient and practical charging plan.	I'm worried that the chargers on my route will be broken, occupied, or much slower than advertise d when I arrive.	there is no single source of truth that combines a route plan with realtime, verified charger availability	Frustrated