

Ideation Phase

Define the Problem Statements

Date	28 June2025
Team ID	LTVIP2025TMID35907
Project Name	Sustainable Smart City Assistant using IBM Granite LLM
Maximum Marks	2 Marks

Customer Problem Statement :

Urban residents and city administrators struggle to access real-time, actionable insights about sustainability metrics such as energy usage, pollution levels, and policy updates. Existing systems are fragmented, non-intuitive, and lack intelligent support for decision-making or citizen engagement. There is a need for a unified, AI-powered assistant that can simplify complex data, provide personalized eco-advice, and foster transparent communication between citizens and city services

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

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	city resident.	to understand how my city is performing in terms of sustainability and	I can't easily access real-time data or interpret complex policy	the current systems are fragmented, technical, and not citizen-	disconnected and unsure about how to take meaningful action.

		how I can contribute.	documents.	friendly.	
PS-2	city administrator.	to monitor sustainability KPIs and respond to citizen feedback efficiently.	lack an integrated platform that combines AI insights with real-time urban data.	existing tools are siloed and don't support intelligent automation.	makes me feel overwhelmed and unable to make timely, informed decisions.