

Ideation Phase

Define the Problem Statements

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| Date | 31 May 2025 |
| Team ID | LTVIP2025TMID60659 |
| Project Name | Sustainable Smart City Assistant Using IBM Granite LLM |
| Maximum Marks | 2 Marks |

Who has the problem?

People living in cities and those managing city services.

What's the problem?

They don't get easy and clear information on how to live or manage things in a more eco-friendly way.

Why does it matter?

Because it leads to more pollution, wasted energy, and less awareness about sustainable living.

What do they need?

A smart assistant that gives simple tips and helps them make better, greener choices every day.

| | | |
|----------------------------|---|---|
| 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 | | | | | |
| PS-2 | | | | | |