

## Ideation Phase

### Define the Problem Statements

Date	31 May 2025
Team ID	LTVIP2025TMID60743
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.

<b>I am</b>	<small>Describe customer with 3-4 key characteristics - who are they?</small>	Describe the customer and their attributes here
<b>I'm trying to</b>	<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
<b>but</b>	<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
<b>because</b>	<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
<b>which makes me feel</b>	<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:

<small>I am</small> a traveler	<small>I'm trying to</small> book flights on my phone	<small>But</small> it takes a long time	<small>Because</small> The website is not responsive and doesn't have a mobile version	<small>Which makes me feel</small> Frustrated
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<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1					
PS-2					