

Ideation Phase  
Brainstorm & Idea Prioritization


Date	27 June 2025
Team ID	LTVIP2025TMID32124
Project Name	Sustainable Smart City Assistant Using IBM Granite LLM
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions. Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template



## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare  
🕒 1 hour to collaborate  
👥 2-8 people recommended

●

### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⌚ 10 minutes

A

#### Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B

#### Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

C

#### Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →

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### Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⌚ 5 minutes

### PROBLEM

"How might we empower urban planners, citizens, and city administrators to improve sustainability, governance, traffic efficiency, and citizen engagement by leveraging AI-driven tools like IBM Granite LLM, while addressing challenges such as policy complexity, resource inefficiency, and the need for actionable insights into traffic patterns?"

Step-2: Brainstorm, Idea Listing and Grouping

2

### Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

**TIP**  
You can select a sticky note and hit the pencil (switch to edit) icon to start drawing!

Person 1	Person 2	Person 3	Person 4
<b>AI-Driven Policy Summarization Tool</b> Simplify complex city policy documents into citizen-friendly formats using IBM Granite LLM.	<b>Citizen Feedback Portal</b> Create a seamless platform for citizens to report urban issues (e.g., burst pipes, potholes) with instant categorization and prioritization.	<b>Predictive KPI Analytics</b> Use machine learning to forecast key performance indicators (KPIs) like energy or water consumption for better resource planning.	<b>Eco-Tips Generator</b> Design a module that provides personalized, actionable eco-friendly tips based on user inputs.
<b>Anomaly Detection System</b> Implement a system that highlights unusual data trends, such as sudden spikes in utility usage, to aid swift decision-making.	<b>Interactive Chat Assistant</b> Enable a conversational AI chatbot to guide citizens on reducing carbon footprints and accessing city resources efficiently.	<b>Semantic Policy Search</b> Allow city planners to search and retrieve relevant information from large policy databases using semantic search with Pinecone.	<b>Traffic Monitoring and Guidance</b> A commuter inputs their starting point and destination into the assistant. The traffic monitoring module analyzes real-time data.

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### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

**TIP**  
Add customizable tags to sticky notes to make it easier to find themes, regions, and categorize important ideas as themes within your mural.

**Cluster 1: AI Tools for Urban Planners**

- Policy Summarization
- Semantic Policy Search
- Predictive KPI Analytics

**Cluster 2: Citizen-Centric Features**

- Citizen Feedback Portal
- Chat Assistant
- Eco-Tips Generator

**Cluster 3: Real-Time City Monitoring**

- Anomaly Detection in KPIs
- Traffic Monitoring and Route Optimization

## Step-3: Idea Prioritization

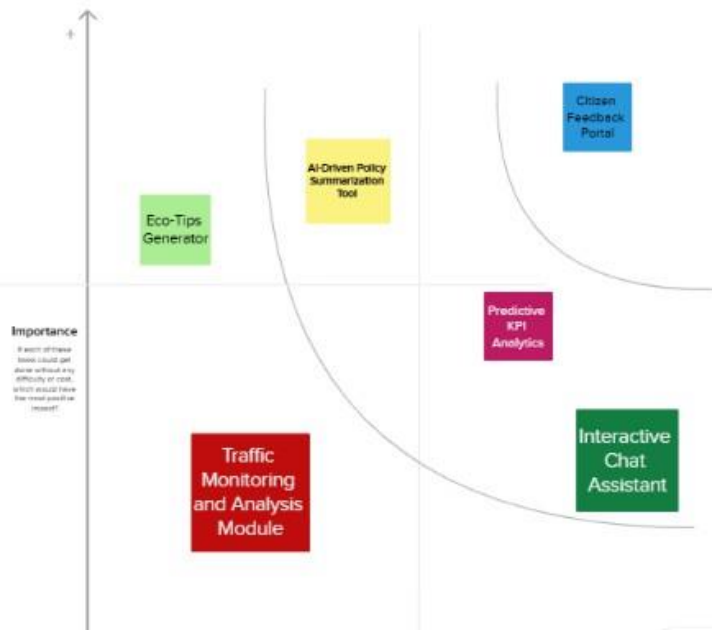
4

### Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

**TIP**  
Participants can use their markers to sort of where sticky notes should go on the grid. This facilitator can confirm the spot by using the laser pointer (holding the H key on the keyboard).



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### After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

#### Quick add-ons

- Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save to your drive.

#### Keep moving forward

- Strategy blueprint**  
Define the components of a new idea or strategy.  
[Open the template →](#)
- Customer experience journey map**  
Understand customer needs, motivations, and obstacles for an experience.  
[Open the template →](#)
- Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
[Open the template →](#)