**Ideation Phase**

**Brainstorm & Idea Prioritization Template**

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| Date | 15 jun 2025 |
| Team ID: | LTVIP2025TMID32673 |
| Project Name: | Sustainable Smart City Assistant AI by using IBM granite LLM |
| Maximum Marks | 4 Marks |

**Brainstorm & Idea Prioritization Template:**

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

Urban areas are growing rapidly, causing increased environmental challenges, inefficient resource utilization, traffic congestion, and lack of sustainable living practices. The selected problem is to design a Sustainable Smart City Assistant that integrates technology to promote eco-friendly urban living, enhance public services, and reduce environmental impact using data-driven and AI-enabled solutions with the help of IBM granite LLM.

**Step-2: Brainstorm, Idea Listing and Grouping**  
  
**Raw Ideas:**

Real-time weather updates  
 Smart chat assisatnt  
smart traffic controll  
 Water usage tracking and conservation suggestions  
 Smart grammer cheking for documents  
 Integration with renewable energy grid  
 Eco tips to improve nature avareness  
feedback collection to estimate real time problems  
 Smart lighting and utility control in public spaces  
 Community resource-policy genaration   
 KPI forcast to estimate energy charges

**Grouped Ideas by Theme:**

- Environmental Monitoring:

- Live weather updates  
 - eco tips  
 - KPI forcast analysis

-Water usage tracking  
  
- Urban Efficiency:

- Smart policy genarator  
 - Smart traffic control  
 - Smart lighting control  
  
- Sustainable Living Support:

- Renewable energy integration  
 - live updates  
 - smart chat assistant  
  
- Community Engagement:

- feedback collection  
 - documents correction

**Step-3: Idea Prioritization**  
  
| Idea | | Feasibility | Impact | Innovation | Priority |  
|------| |--------------|----------|---------------|----------|  
| Smart chat assistant | High | High | Medium | High |  
| Live weather report | Medium | High | Medium | High |  
| documents error correction | Medium | High | Medium | High |  
| KPI forcast | Medium | Medium | Medium | Medium |Medium|  
| Eco tips | High | Medium | High | Medium |  
| live city updates | High | Medium | High | High |  
| feedback collection | Medium | High | Low |High|  
| policy genarator | Low | Medium | Medium | High |

