**Project Design Phase**
**Proposed Solution Template**

| Date | 14 June 2025 |
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| Team ID | LTVIP2025TMID60682 |
| Project Name | Sustainable Smart City Assistant Using IBM Granite LLM |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

| S.No. | Parameter | Description |
|---|---|---|
| 1. | **Problem Statement** (Problem to be solved) | Urban citizens and planners struggle to access easy, real-time information to make eco-friendly and smart living decisions. |
| 2. | **Idea / Solution Description** | A smart city assistant powered by IBM Granite LLM that provides personalized tips, sustainability info, and city data to help users live and manage more sustainably. |
| 3. | **Novelty / Uniqueness** | Uses an advanced language model to deliver AI-driven, human-like suggestions for sustainability. Combines real-time urban data with AI insights for smarter decision-making. |
| 4. | **Social Impact / Customer Satisfaction** | Encourages green habits, reduces waste and pollution, increases awareness, and makes urban living more efficient and eco-conscious. |
| 5. | **Business Model (Revenue Model)** | Freemium model with basic free access; premium features for city planners and businesses; partnerships with local governments or green startups. |
| 6. | **Scalability of the Solution** | Easily expandable to more cities, regions, or languages. Can integrate with other smart systems (e.g., transport, waste management, water usage) in the future. |