**Project Design Phase**

**Proposed Solution Template**

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| Date | 14 June 2025 |
| Team ID | LTVIP2025TMID60699 |
| Project Name | Sustainable Smart City Assistant Using IBM Granite LLM |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
| 1. | **Problem Statement** | People in cities often lack easy access to real-time, understandable, and actionable environmental data to support sustainable living. |
| 2. | **Idea / Solution Description** | A web-based Smart City Assistant that includes a real-time dashboard, environmental forecasting, anomaly detection, chat assistant, summarizer, eco tips, and smart alerts — all tailored to individual users and their city. |
| 3. | **Novelty / Uniqueness** | Integrates multiple features into one clean interface. Offers local data, intelligent alerts, forecasting, and interactive chat — all designed for regular users, not experts. |
| 4. | **Social Impact / Customer Satisfaction** | Encourages sustainability awareness, supports informed decision-making, and helps users engage with their city’s environmental health in a simple way. |
| 5. | **Business Model (Revenue Model)** | Not applicable — this is a student-built academic project developed for learning and social good. |
| 6. | **Scalability of the Solution** | Designed to support any smart city by connecting with live data sources. Easily adaptable to new locations, languages, and evolving city needs. |