Project Design Phase - Proposed Solution Template

Date: 15 February 2025

Team ID: LTVIP2025TMID37298

Project Name: Sustainable Smart City Assistant Using Generative AI (IBM Granite LLM)

Maximum Marks: 2 Marks

# Proposed Solution Template:

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| S.No. | Parameter and Description |
| 1 | 1. Problem Statement: Citizens lack smart, responsive, and sustainability-focused digital support in urban environments. |
| 2 | 2. Idea / Solution: An AI assistant powered by IBM Granite to guide users with eco-friendly suggestions, local resources, and service details. |
| 3 | 3. Novelty / Uniqueness: Uses LLM to understand city-specific contexts and generate accurate, human-like responses. |
| 4 | 4. Social Impact: Encourages sustainability, improves public service awareness, and reduces manual intervention. |
| 5 | 5. Business Model: Freemium model for cities; additional features through city authority subscriptions. |
| 6 | 6. Scalability: Can be deployed across smart cities with localized knowledge bases. |