

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

Date	28 June 2025
Team ID	LTVIP2025TMID3098
Project Name	Sustainable Smart City Assistant using IBM Granite Model
Maximum Marks	2 Marks

**Proposed Solution Template:**

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Urban areas face challenges in managing sustainability metrics such as pollution, traffic congestion, and resource optimization efficiently.
2.	Idea / Solution description	The Smart City Assistant provides real-time sustainability insights and city management support by leveraging IBM Granite LLM and advanced analytics.
3.	Novelty / Uniqueness	Integrates IBM Granite LLM with real-time city data, offering a conversational AI platform tailored for urban sustainability and smart city operations.
4.	Social Impact / Customer Satisfaction	Empowers city officials and residents with timely sustainability insights, improving quality of life, reducing environmental impact, and enhancing city responsiveness.
5.	Business Model (Revenue Model)	Adopts a modular subscription model targeting municipalities, smart city developers, and urban planning organizations with scalable premium features.
6.	Scalability of the Solution	The solution is cloud-based and API-driven, ensuring seamless expansion across cities, languages, and sustainability domains worldwide.