

Project Design Phase
Proposed Solution Template

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.

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.