Project Design Phase
Proposed Solution Template

Date	29 June 2025
Team ID	LTVIP2025TMID33805
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 (Problem to be solved)	Cities lack accessible AI tools to monitor sustainability KPIs, detect anomalies, summarize policies, and support eco-friendly citizen actions.
2.	Idea / Solution description	We built an AI-powered assistant using Streamlit and IBM Granite LLM that helps citizens and officials make smart, sustainable city decisions. It includes dashboards, forecasting, anomaly detection, policy Q&A, eco tips, and feedback features.
3.	Novelty / Uniqueness	Combines real time analytics, predictive forecasting, AI driven summaries, and citizen engagement in one simple web platform for smart cities.
4.	Social Impact / Customer Satisfaction	Encourages sustainable behavior, helps governments make data driven decisions, and improves urban life quality through awareness and engagement.
5.	Business Model (Revenue Model)	Can be offered as a SaaS product to municipalities, NGOs, and urban planners; premium version may include custom analytics, branding, or dashboards.
6.	Scalability of the Solution	Easily scalable to any city or region by changing data inputs; modular backend makes it adaptable for multiple smart governance use cases.