Project Design Phase
Proposed Solution Template

Date	14 June 2025
Team ID	LTVIP2025TMID60743
Project Name	Sustainable Smart City Assistant Using IBM Granite LLM
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	**Problem Statement** (Problem to be solved)	Urban citizens and planners struggle to access easy, real-time information to make eco-friendly and smart living decisions.
2.	**Idea / Solution Description**	A smart city assistant powered by IBM Granite LLM that provides personalized tips, sustainability info, and city data to help users live and manage more sustainably.
3.	**Novelty / Uniqueness**	Uses an advanced language model to deliver AI-driven, human-like suggestions for sustainability. Combines real-time urban data with AI insights for smarter decision-making.
4.	**Social Impact / Customer Satisfaction**	Encourages green habits, reduces waste and pollution, increases awareness, and makes urban living more efficient and eco-conscious.
5.	**Business Model (Revenue Model)**	Freemium model with basic free access; premium features for city planners and businesses; partnerships with local governments or green startups.
6.	**Scalability of the Solution**	Easily expandable to more cities, regions, or languages. Can integrate with other smart systems (e.g., transport, waste management, water usage) in the future.