

Project Design Phase

Proposed Solution Template

Date	27 June 2025
Team ID	LTVIP2025TMID21127
Project Name	Sustainable Smart City Assistant
Maximum Marks	2 Marks

Proposed Solution Template

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Urban sustainability challenges such as energy/water overuse, poor citizen engagement, and lack of AI tools for city policy analysis.
2	Idea / Solution description	An AI-powered web app for summarizing city policies, generating eco-tips, reporting civic issues, and forecasting KPIs like energy/water usage.
3	Novelty / Uniqueness	Combines semantic search, AI summarization, and ML analytics in a single user-friendly platform with citizen and planner tools.
4	Social Impact / Customer Satisfaction	Promotes smart living, civic participation, and sustainable decision-making; benefits planners, citizens, and students.
5	Business Model (Revenue Model)	Freemium model for public, subscription/licensing for municipalities, with add-on services like IoT dashboard integrations.
6	Scalability of the Solution	Modular architecture allows easy scaling across cities with additional features like real-time IoT data, mobile apps, and multilingual support.