Problem-Solution Fit Canvas

Team ID: LTVIP2025TMID37298

Project: Sustainable Smart City Assistant Using Generative AI

# Customer Segment

Urban citizens looking for quick, eco-conscious, and informative guidance on sustainable practices.

# Jobs-To-Be-Done / Problems

People struggle to find easy, personalized, and actionable sustainability advice in daily urban life.

# Problem Root Cause

Lack of centralized AI systems trained on sustainability topics and city-specific data.

# Customer Constraints

Limited technical knowledge, low trust in automated responses, lack of awareness about available services.

# Available Solutions

Generic AI chatbots, government websites — but not personalized or context-aware.

# Your Solution

AI Assistant powered by IBM Granite LLM that gives personalized and smart responses regarding sustainability, using natural language.

# Emotions Before/After

Before: Frustrated, confused. After: Informed, motivated to act.

# Channels of Behaviour

Website chatbot, mobile web interface, future integration with smart kiosks or voice assistants.