# Project Design Phase

## Proposed Solution Template

Citizen AI is a Generative AI-powered web application designed to assist citizens in accessing reliable government information through an interactive, real-time conversational assistant. The solution leverages IBM Granite-3.3-2B-Instruct model for intelligent, context-aware responses and integrates features such as sentiment analysis, topic extraction, and personalized recommendations.

### Key Features:

- Real-time AI Assistant for civic queries  
- Sentiment analysis to gauge citizen feedback  
- Topic extraction and word cloud visualization  
- Personalized responses based on location and interests  
- Dashboard for insights and engagement trends  
- Secure, public access via ngrok tunneling