

## Project Documentation

### 1. Introduction

Project Title: Citizen AI – Intelligent Citizen Engagement Platform

Team Leader: Sandhiya. S

Team Members:

Vanisri. M

Satheeswari. R

Lakshmi. R

Leelavathi. G

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### 2. Project Overview

#### Purpose:

The purpose of Citizen AI is to enhance the way citizens interact with government bodies and community services. By leveraging artificial intelligence, natural language processing, and real-time analytics, the platform enables seamless communication, transparency, and efficiency. It empowers citizens to access information, provide feedback, and receive guidance on civic issues, while supporting officials with insights and data-driven decision-making.

#### Features:

Conversational Interface – Citizens can interact using natural language for queries, complaints, and service requests.

Policy Summarization – Government circulars and announcements are simplified into concise, easy-to-understand summaries.

Citizen Feedback Loop – Collects and analyzes public feedback to improve service delivery.

Real-Time Notifications – Keeps citizens updated on policies, events, and emergency alerts.

Service Request Tracking – Allows citizens to register complaints/issues and track resolution progress.

Community Insights Dashboard – Helps officials monitor public sentiment, feedback trends, and engagement statistics.

Multilingual Support – Ensures inclusivity by supporting multiple regional languages.

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### 3. Architecture

Frontend (Streamlit/React): Interactive UI for citizens and officials with dashboards, feedback forms, and chat assistant.

Backend (FastAPI): Handles API requests, feedback storage, complaint tracking, and AI-based processing.

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5. Launch frontend dashboard with Streamlit

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Role-based access control (Citizen / Official / Admin)

Token-based authentication (JWT)

Secure credential management

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Official Dashboard: Insights, analytics, and policy dissemination tools

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(To be added after UI implementation)

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EXIT COURSE

A healthcare provider needs a summary of patient records to highlight recurring health concerns over the past year, such as seasonal illnesses and chronic conditions.

What should the prompt specify to ensure IBM Granite generates a useful summary?

Summarize patient records to highlight recurring health concerns and patterns.

Generate a detailed report on patient visits, including trends for each month.

Provide a list of the most prescribed medications along with usage patterns.

Classify symptoms into categories such as respiratory, digestive, and musculoskeletal conditions.Audio transcript

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