

Generative AI with IBM Cloud

Project Documentation format

1.Introduction

- **Project Title:** Citizen ai – intelligent citizen engagement platform
- **Team Members:** Dande Serayu Naidu - code written

Chandolu Sai Supriya - demo video

Naredla Venkata Ankitha - documentation

Thota Tirumala Vyshnavi - documentation

Mallula Yamini - documentation

2. Project Overview

- **Purpose:** To enhance government-citizen interaction through AI- driven insights, automation, and personalized communication
- **Features:** Personalized messaging, multi-channel communication.

3. Architecture

- **Frontend:** It provides a user-friendly web and mobile interface for seamless citizen interaction, service access and real time communication.
- **Backend:** It leverages AI-engines, data analytics, and secure APIs to process request, manage citizen data and power intelligent decision making.
- **Database:** It securely stores structured and unstructured citizen data, interaction logs.

4. Setup Instructions

- **Prerequisites:** Visual Studio Code
- **Installation:** 1.Install VS code
2.Install Language extensions(Python)
3.Run code in VS code

5. Folder Structure

- VS code structure includes an activity bar, side bar, editor area, status bar and terminal panel, all organized to support efficient code development.

6. Running the Application

- Provide commands to start the frontend and backend servers locally i.e file.py, node app.js.

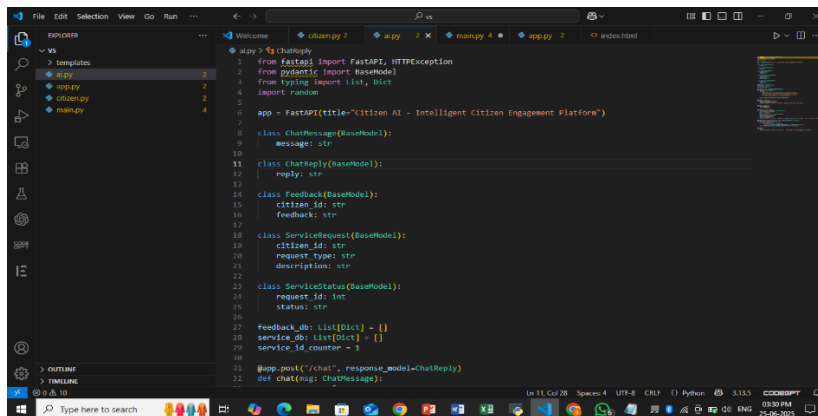
7. API Documentation

- 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

8. Authentication

- Citizen AI platform involves verifying users via secure tokens (like JWT) and managing sessions to maintain users state across interactions.

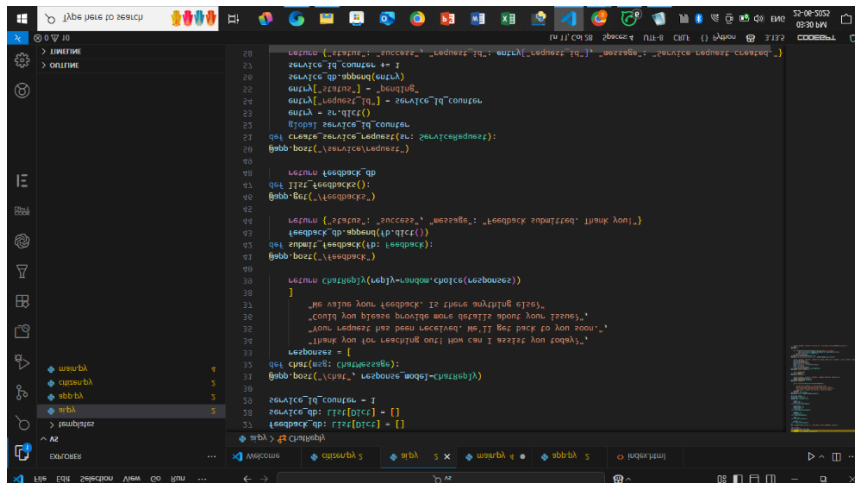
9. User Interface



10. Testing

- Testing Explorer UI-Built-in test runner UI

11. Screenshots



12. Known Issues

- known issues like high CPU usage, extension conflicts, slow startup or failed Git integration

13. Future Enhancements

- It enhanced by adding intuitive no-code model training, automated data validation.