from flask import Flask, render\_template, request, jsonify

from ai\_engine import generate\_response

app = Flask(\_name\_)

@app.route('/')

def home():

return render\_template('index.html')

@app.route('/ask', methods=['POST'])

def ask():

user\_input = request.json['question']

response = generate\_response(user\_input)

return jsonify({'response': response})

if \_name\_ == '\_main\_':

app.run(debug=True)

import openai

openai.api\_key = 'YOUR\_API\_KEY\_HERE' # Replace with real API key

def generate\_response(user\_input):

response = openai.ChatCompletion.create(

model='gpt-3.5-turbo',

messages=[

{"role": "system", "content": "You are Citizen AI, a helpful civic assistant."},

{"role": "user", "content": user\_input}

]

)

return response['choices'][0]['message']['content']

<!DOCTYPE html>

<html>

<head>

<title>Citizen AI</title>

<link rel="stylesheet" href="/static/style.css">

</head>

<body>

<h1>Citizen AI – Civic Assistant</h1>

<input type="text" id="question" placeholder="Ask about local services...">

<button onclick="askQuestion()">Ask</button>

<div id="answer"></div>

<script>

async function askQuestion() {

const question = document.getElementById('question').value;

const response = await fetch('/ask', {

method: 'POST',

headers: {'Content-Type': 'application/json'},

body: JSON.stringify({question})

});

const data = await response.json();

document.getElementById('answer').innerText = data.response;

}

</script>

</body>

</html>

body {

font-family: Arial, sans-serif;

padding: 20px;

}

input, button {

padding: 10px;

font-size: 16px;

margin-top: 10px;

}