app.py

```python
# app.py
from flask import Flask, request, jsonify, render_template
import openai

app = Flask(__name__)

openai.api_key = 'your-openai-api-key'

@app.route('/')
def index():
    return render_template('index.html')

@app.route('/chat', methods=['POST'])
def chat():
    user_message = request.json['message']

    response = openai.ChatCompletion.create(
        model="gpt-4",
        messages=[
            {"role": "system", "content": "You are a helpful customer support
assistant."},
            {"role": "user", "content": user_message}
        ]
    )

    reply = response['choices'][0]['message']['content']
    return jsonify({'reply': reply})

if __name__ == '__main__':
    app.run(debug=True)
```

index.html

```html
<!-- index.html -->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Customer Support Chatbot</title>
    <style>
        body { font-family: Arial; margin: 20px; }
         #chatbox { width: 400px; height: 400px; overflow-y: scroll; border: 1px solid
#ccc; padding: 10px; }
        #user-input { width: 300px; }
    </style>
</head>
<body>
    <h2>Customer Support Chatbot</h2>
    <div id="chatbox"></div>
    <input type="text" id="user-input" placeholder="Type your message...">
    <button onclick="sendMessage()">Send</button>

    <script>
        async function sendMessage() {
            const input = document.getElementById('user-input');
            const message = input.value;
            if (!message) return;

            const chatbox = document.getElementById('chatbox');
            chatbox.innerHTML += `<div><strong>You:</strong> ${message}</div>`;
            input.value = '';

            const res = await fetch('/chat', {
                method: 'POST',
                headers: { 'Content-Type': 'application/json' },
                body: JSON.stringify({ message })
            });
            const data = await res.json();

            chatbox.innerHTML += `<div><strong>Bot:</strong> ${data.reply}</div>`;
            chatbox.scrollTop = chatbox.scrollHeight;
        }
    </script>
</body>
</html>
```

requirements.txt

```
# requirements.txt
Flask
openai
```