

Frontend Assessment

Develop a chat functionality within an OpenAI platform using Next.js, emphasizing real-time communication, message rendering, and user interface responsiveness.

Framework Used:

```
next: ^14.0.0
socket.io: ^4.7.5
openai: ^4.38.5
```

For chat functionality within an OpenAI platform i have used openAI api as below:

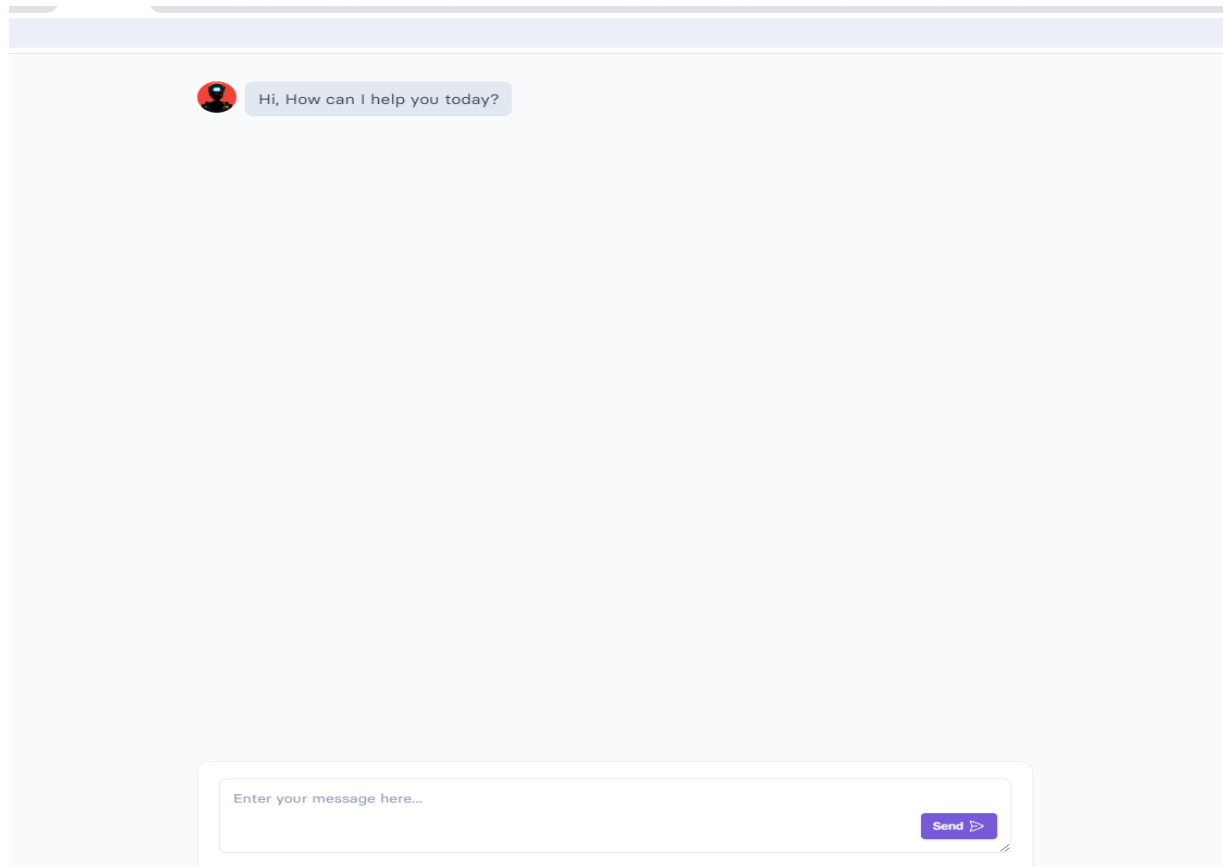
```
const completion = await openai.chat.completions.create({
  messages,
  model: "gpt-3.5-turbo",
  stream:false,
  max_tokens:512,
  top_p:1,
  temperature:0.5,
});
```

For real time communication i have used socket.io as below:

```
const io = new Server(res.socket.server);
io.on("connect", (socket) => {
  console.log("Client connected");
  // Handle incoming messages from the frontend
  socket.on("messages", (message) => {
    // Broadcast the received message to all connected clients
    io.emit("messages", message);
  });
  socket.on("disconnect", () => {
    console.log("Client disconnected");
  });
});
res.socket.server.io = io;
```


Output:

Screen - 1 (initial screen):




Screen - 2:


localhost:3000



Hi, How can I help you today?


Hi






Hello! How can I assist you today?


today Date?






Today's date is October 25, 2021. How can I assist you further?


i want to email to my team regarding work update






Sure, I can help you with that. What specific information would you like to include in the email to your team regarding the work update?

task status





Great! Here's a template you can use to update your team on the task status: Subject: Work Update - Task Status Hi Team, I hope this email finds you well. I wanted to provide a quick update on the current status of our tasks: 1. Task 1: [Brief description of the status] 2. Task 2: [Brief description of the status] 3. Task 3: [Brief description of the status] Overall, we are making good progress, and I appreciate everyone's hard work and dedication to meeting our deadlines. If you have any questions or need further clarification on any task, please feel free to reach out to me. Let's keep up the great work and continue collaborating effectively to achieve our goals. Best regards, [Your Name] Feel free to customize this template with specific details about the tasks and any additional information you'd like to share with your team. Let me know if you need further assistance or have any other questions!

Enter your message here...

Send >

Mobile View:

