I see that we're still having issues with creating a public sharing link. Let me provide you with comprehensive information about what to tell your IT department to enable Gradio's public sharing feature:

**Network Requirements for Gradio Public Sharing**

When you speak with your IT department, ask them to enable the following:

1. **Outbound Connections**:
   * Allow HTTPS connections (port 443) to the following domains:
     + \*.gradio.live
     + \*.gradio.app
     + cdn-media.huggingface.co

 (for downloading the frpc client)

* + - api.gradio.app

 (for API requests)

1. **Firewall Settings**:
   * Allow your computer to establish outbound TCP connections to external services
   * Specifically, allow the Gradio application (Python) to make these connections
   * No inbound connections need to be opened from the internet to your computer
2. **Proxy Configuration**:
   * If your organization uses a proxy server, Gradio needs to be configured to use it
   * You might need to set the HTTP\_PROXY and HTTPS\_PROXY environment variables

**Alternative Approaches**

If IT can't open these connections, you have these alternatives:

1. **Local Network Only**: Use the

15.vector\_chatbot.py

 script which is already accessible on your local network at

http://10.10.11.244:7860

1. **Remote Desktop**: Have your manager connect to your computer via Remote Desktop to use the application directly
2. **Cloud Deployment**: Deploy the application to a cloud service like Heroku, Render, or Streamlit Cloud (would require additional setup)

**What's Happening Behind the Scenes**

When you run with

share=True

, Gradio:

1. Downloads a small client called "frpc" from Hugging Face
2. Establishes a secure tunnel from your local server to Gradio's cloud infrastructure
3. Assigns you a random subdomain on gradio.app or gradio.live
4. Routes external traffic through this tunnel to your local application

This is why the specific outbound connections need to be allowed by your IT department.

Would you like me to make any modifications to the script to better accommodate your network environment?