

Assignment 4

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- 1- Run MultiModalLLM2.ipynb in Colab
- 2- Run Session4_Client.ipynb on your desktop

GUI:

Tab 1: Chat

In the first tab titled "Chat", you will see two main fields:

Chat Area: This is where the conversation (questions and answers) will be displayed.

Question Input Area: This is where you type your question.

Send a Question:

- 1- Type your question in the Question Input Area.
- 2- Click the Send button to submit your question.
- 3- Your question will appear in the chat field prefixed by "Question:" in bold, and the answer will be displayed right after it, prefixed by "Answer:" in bold.

Clear the Chat:

If you want to clear the entire chat, simply click the Clear Chat button.

Tab 2: Image Upload

Upload an Image:

- 1- Switch to the second tab titled Image Upload.
- 2- Click the Upload Image button to select and upload an image from your computer.
- 3- The uploaded image will be displayed on the left half of the screen.

Ask a Question about the Image:

- 1- Type your question related to the image in the Question Input Area located below the image.
- 2- Click the 'Ask about the image' button.
- 3- The question will be displayed in the right half of the screen, and an answer will follow below it.
- 4- You can ask multiple questions about the same image, and they will all appear in a chat format.

Uploading a New Image:

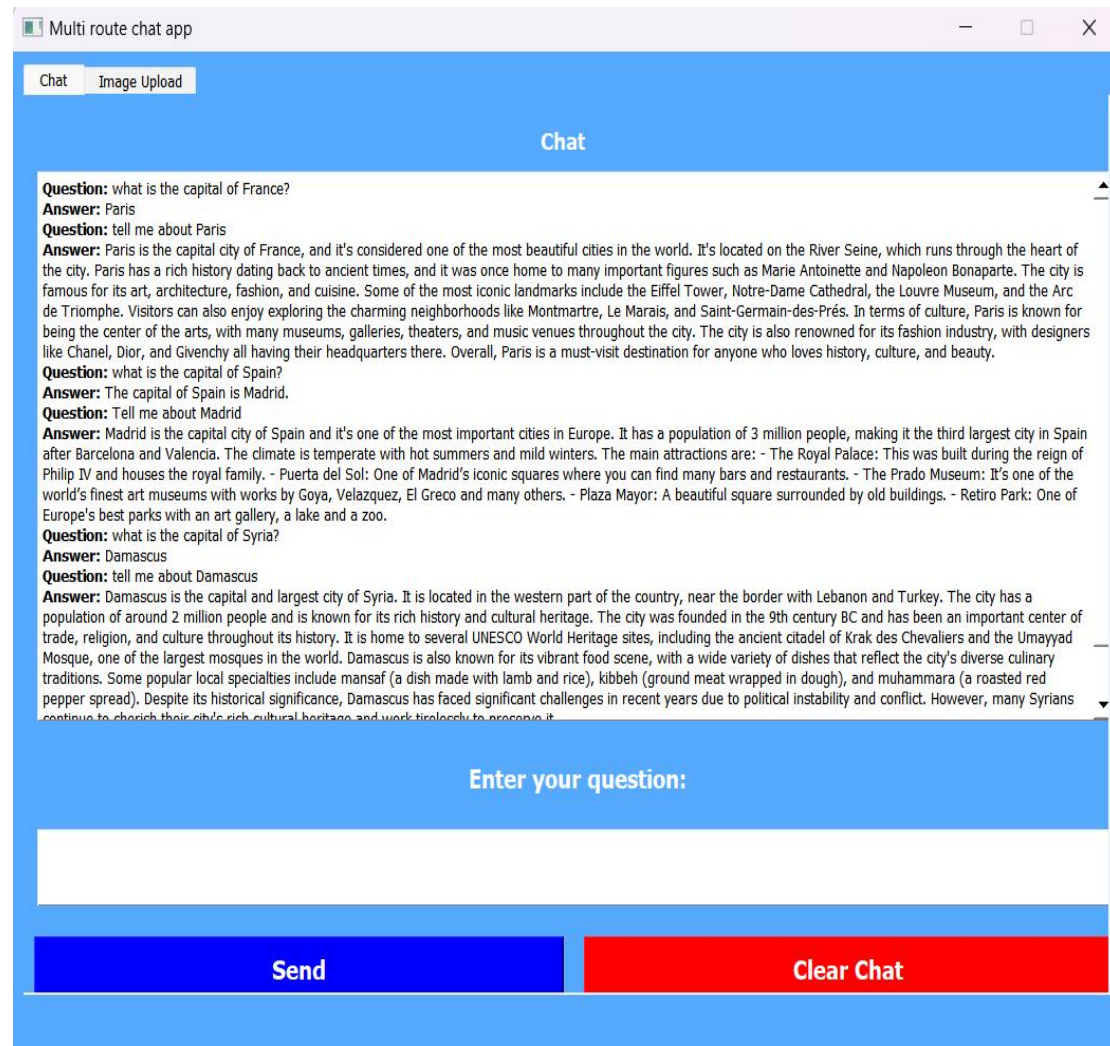
If you upload a new image, the previous chat will be cleared, and the new conversation will start fresh with the new image.

Notes:

Text Formatting: All "Question" and "Answer" labels will appear in bold for better readability.

Fixed Window Size: The window size is fixed. You cannot resize it.

Exiting the Application: To exit the application, simply close the window, and it will exit cleanly.




Multi route chat app

Chat

Image Upload

Upload Image



Question: Describe the image

Answer: The image you've shared is of a man who appears to be in a professional setting. He is wearing a suit and tie, which suggests that he might be at a formal event or workplace. The background is blurred, but it seems to be indoors with some kind of flag visible behind him. This could indicate that the location is significant, possibly related to government or politics. To identify this person, I would need more specific details about his identity or context. However, based on the visual information provided, it's clear that he is dressed for a formal occasion and is likely someone of importance due to his attire and the setting. If you have any additional information or context about this individual, such as their name or occupation, I might be able to provide more accurate identification.

Question: what can you say about this image, is it of good quality?

Answer: The image depicts a man who appears to be in his middle age. He has short, neatly styled hair and is wearing a formal suit with a white shirt and a dark tie. His expression is serious and he seems to be looking directly at the camera. The background of the photo is blurred but appears to be an indoor setting, possibly a conference or event due to the presence of what looks like a flag on the left side of the frame.

Question: is the man happy or sad?

Answer: The image shows a man dressed in formal attire, including a suit and tie. He appears to be in a professional or official setting, possibly attending an event or meeting. The background is blurred, but it seems to be indoors with a neutral color palette. The man's expression is serious, suggesting that the occasion might be of some significance.

Ask about the image