



A website for students or anyone passionate about gothic literature

- Discussion forum / book reviews
- Literary analysis of books & comparison
- Interaction with Characters



Website Mood Board





Technical Summary

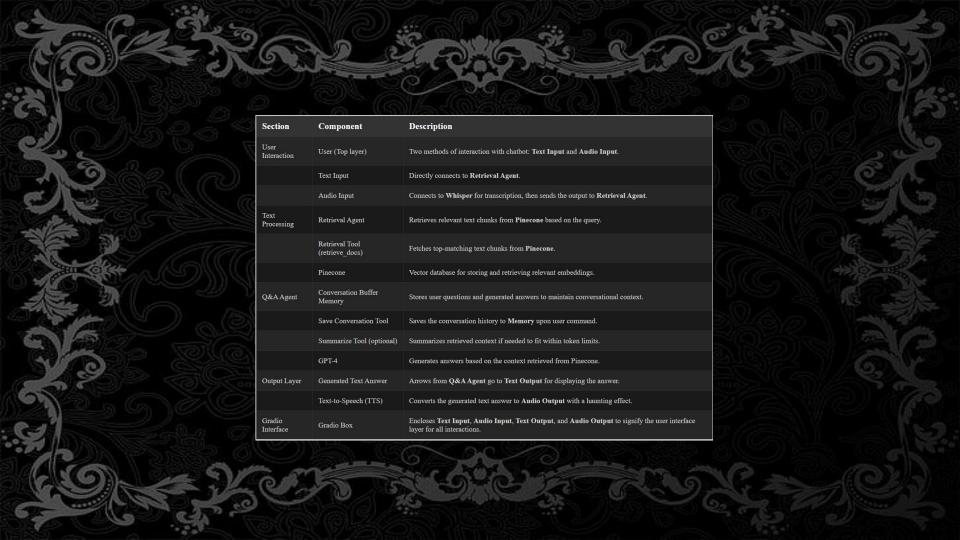
Architecture

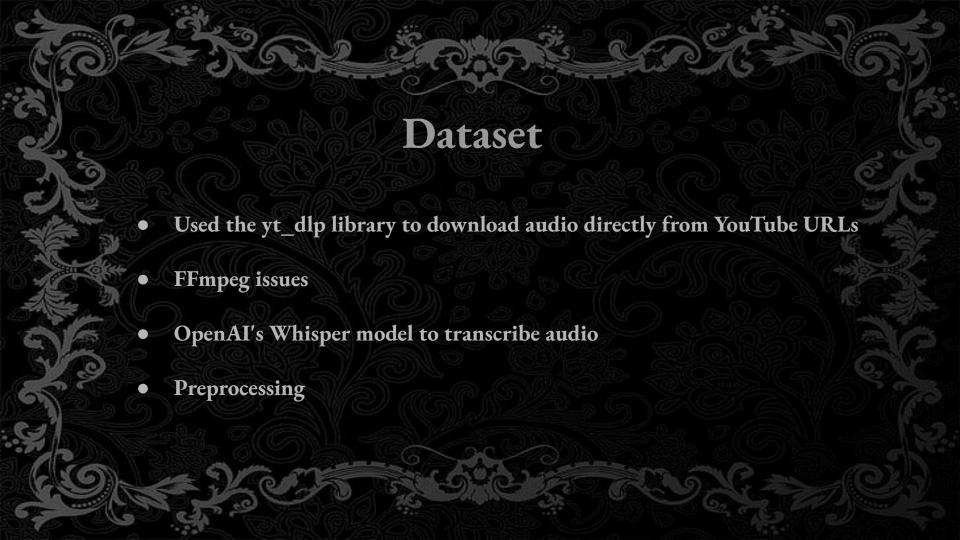
The solution is a multimodal AI chatbot designed to answer questions about *Wuthering Heights* based on YouTube video reviews.

- Agents: LangChain's
 Retrieval-Augmented Generation (RAG)
 agents are used for retrieving context and generating responses.
- LLMs: Vector Database (Pinecone)
- Gradio Interface:

Tools Used

- LangChain: Manages the text chunking, retrieval, and response generation processes.
- **Pinecone**: Stores vector embeddings for efficient retrieval.
- **OpenAI (GPT-4)**: Provides natural language responses based on retrieved content.
- **Whisper**: Transcribes audio input for the chatbot to process voice-based questions.
- **Gradio**: Used to create the user interface for both text and audio interactions.









Transcribe_audio: -Whisper ASR model.

generate_haunting_audio: Converts text responses into haunting audio using gTTS and pydub.

retrieve_docs: Retrieves relevant text chunks based on the user's question by querying Pinecone.

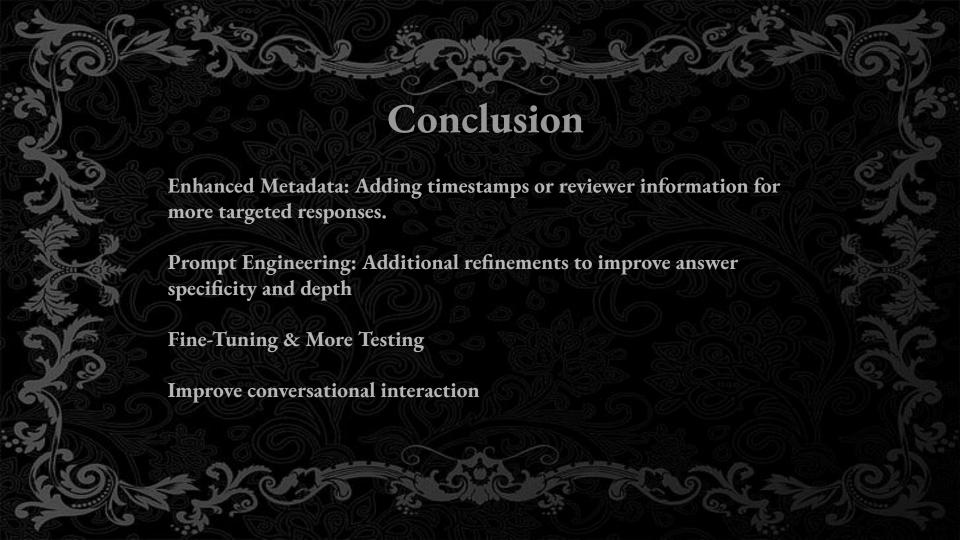
save_conversation: Saves the conversation history to a file.

summarize_context (Optional): Summarizes long contexts to fit within token limits. This was set up in an earlier version of the code but may not be actively used in this Gradio code.

Memory Management:

ConversationBufferMemory: Used to store the chat history, which allows for follow-up questions by maintaining the context across interactions.





Demo: Gradio Interface



in wuthering heights, chapter 1, please give me a summary focusing on how literary devices are used

○ Or record your question



Drop Audio Here

Click to Upload

In Chapter 1 of Wuthering Heights, various literary devices are used. Imagery is used to vividly describe the house and its surroundings, setting the scene for the reader. Personification is used to describe characters, such as the dame who is likened to a storm and a sea. Contrast and irony are used to depict the character of Heathcliff, a man who doesn't fit into the typical representation of a farmer in the North of England. Finally, foreshadowing is used to hint at a future relationship between the narrator and Heathcliff.

Is there anything else you'd like to ask about "Wuthering Heights"?

Gradio Interface

in wuthering heights, chapter 1 please explain how the mood and tone change

3 Or record your question



Drop Audio Here

Click to Upload



The mood and tone in Chapter 1 of Wuthering Heights transition from gloomy and foreboding, as signaled by the harsh weather and isolated location of the house, to introspective within the living space, apprehensive with the introduction of Mr. Heathcliff, and finally to a moment of relief and surprise as a chaotic situation is suddenly quelled.

Is there anything else you'd like to ask about "Wuthering Heights"?





0:12



Edit

conversation history (2).txt

conversation history.txt

Human: what is the main reasons readers never liked the book?

AI: The main reasons readers did not like the book were because they found the characters petty, flawed, and unsympathetic. They were not convinced by the morality of the characters and criticized the relationships in the book. Some found the book confusing and complex, and others saw the characters as violent, disgusting, and horrible people.

AI: The video also delves into the complexities of the characters and their relationships, especially the tumultuous relationship between Heathcliff and Catherine. The narrator highlights the theme of subjectivity in the story, indicating that the multiple narratives help to provide a more objective view of the events. They also explore the significant role of the moors as not just a setting but a character in its own right. Additionally, the narrator encourages a deep reading of Wuthering Heights alongside an appreciation of Emily Bronte's poetry. The video concludes with a discussion about the flawed nature of the characters, noting that they all contribute to the destructive outcomes in the story. Human: what else?what do you mean destructive outcomes?

AI: By destructive outcomes, I mean the negative consequences or harm that result from certain actions or behaviors. In the context of the novel, revenge and the desire to punish others lead to a cycle of harm and destruction, affecting not only the individuals involved but also those around them. This can be seen in the characters' relationships and the overall narrative of the

Human: who is the most loved character?

AI: The text does not provide information on who the most loved character is.

AI: Emily chose to present the events in an anachronic way to show the subjectivity of different narratives and to keep the readers' curiosity peaked. She also seems to have a unique approach towards nature, seeing it not just as a beautiful, submissive entity but also recognizing its dark side. Emily's portrayal of nature is more than about class, it is about how the characters are intrinsically connected to it and how it impacts their lives. Human: what made her choose that?

AI: Catherine chose Edgar over Heathcliff because she was seeking love and civilization. Despite Heathcliff's love for her, Catherine saw their relationship as unstable and precarious. She was also drawn to the civilized world that Edgar represented, even though it ultimately led to her downfall by restricting and draining her powers. Human: i was talking about emily not catherine

AI: The text discusses Emily's personality traits, like her logical thinking, her stubbornness, and her love for nature. It also describes how these traits are reflected in her characters in 'Wuthering Heights,' particularly Heathcliff and Catherine. The text also mentions Emily's devotion to her family, her temper, and her masculine character as described by her sister, Charlotte.

Human: what was her temper like?

AI: She had quite the temper, which was magnanimous but warm and sudden. Her spirit was altogether unbending.

Human: who are you talking about?

AI: The discussion seems to be about several characters from Emily Bronte's novel, "Wuthering Heights," including Heathcliff, Catherine, and Nelly,

