STUDY-GPT

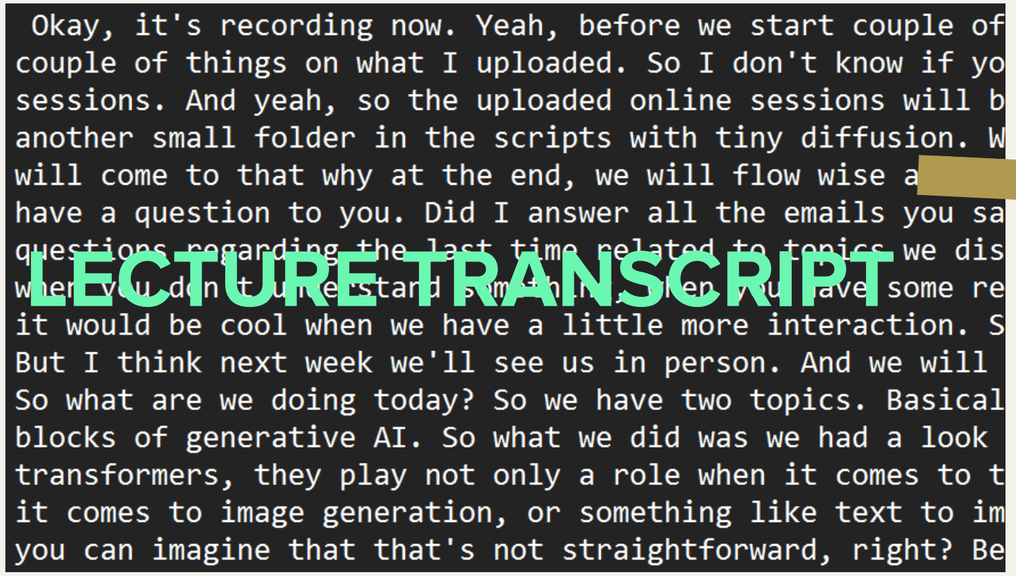
A Step Forward in Educational Tools

WHY? : Exploit Study Media's Untapped Value

- **Practical Experience** shared by the Teacher is not necessarily covered in Lecture notes
- Student- Teacher **Interactions**
- **Metadata** within the Video lecture : Example: Sentiment, Keywords, text Quality/Quantity

WHY? : Drawbacks of the Digital Classroom

STUDY-GPTS APPROACH : Transforms Lecture Content



Online Learning Resources

- Availability of video recordings for online sessions.
- Access to key lecture notes in PDF format.
- Introduction to a specialized folder containing scripts and examples of tiny diffusion.

Building Blocks of Generative AI

- Examination of various generative AI models including recurrent neural networks, Markov chains, and transformers.
- Detailed discussion on the role of transformers not only in text generation but also in broader generative AI applications.

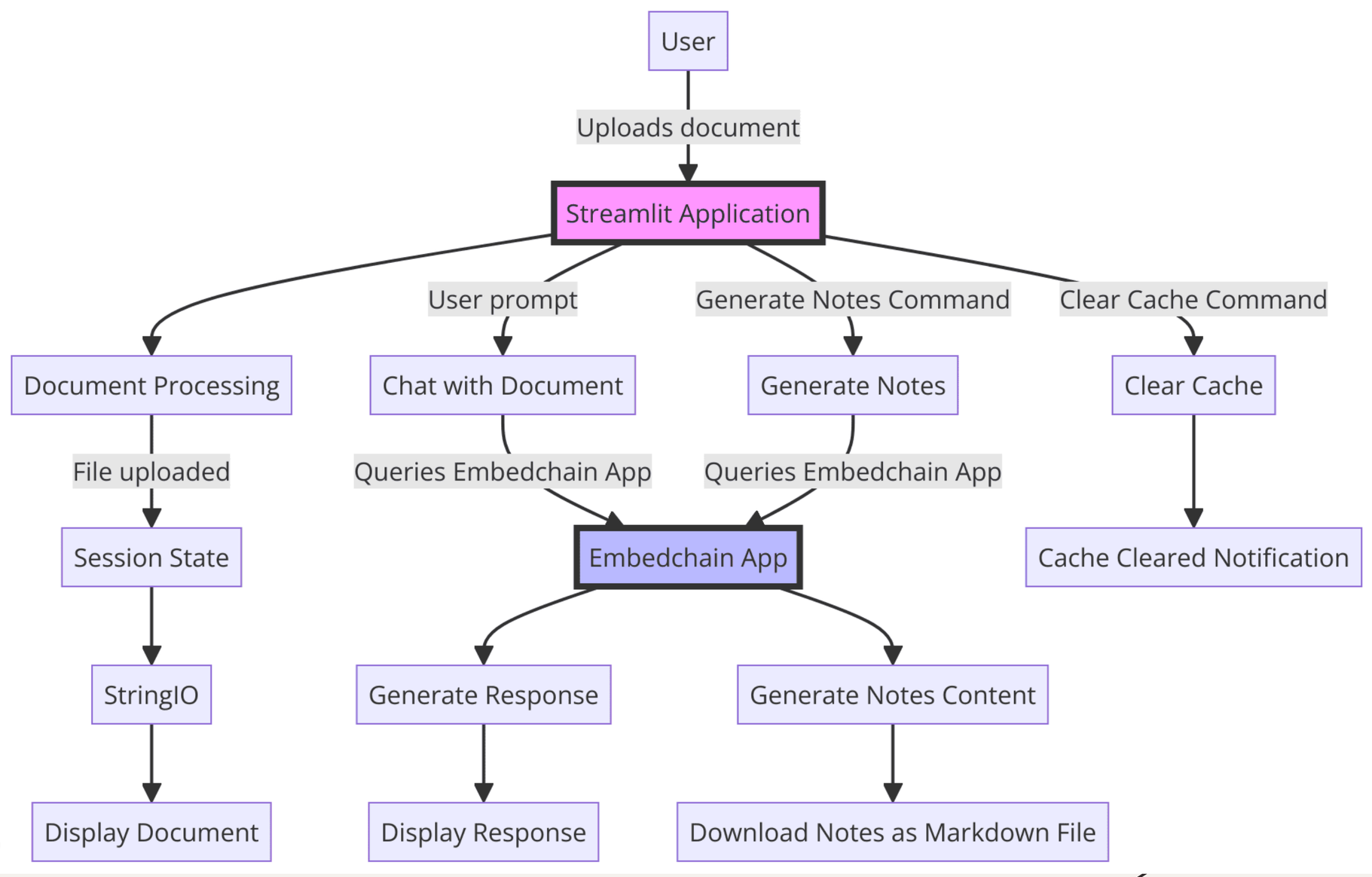
References

1. "Generative AI": Wikipedia URL
2. "Recurrent Neural Network (RNN)": Wikipedia URL
3. "Markov Chains": Wikipedia URL
4. "Transformers": Wikipedia URL
5. "Vector Databases": Wikipedia URL (Note: This link is hypothetical as specific Wikipedia pages for "Vector Databases" may not exist, and it serves as a placeholder for related information.)

1. CUSTOM SUMMARIZED NOTES
2. CHAT WITH THE LECTURE

APP DEMO

STUDY-GPT in Action: How It Works



THE FUTURE

- **Use cases** : Export chat outputs for Analysis, Generate metadata (JSON etc.)
- **Potential features** : Generating audio summaries from generated notes (TTS)
- **Next Steps**: User feedback integration, and adding new data sources: Youtube, PDF, Webpage etc.

Thanks!

Do you have any questions?
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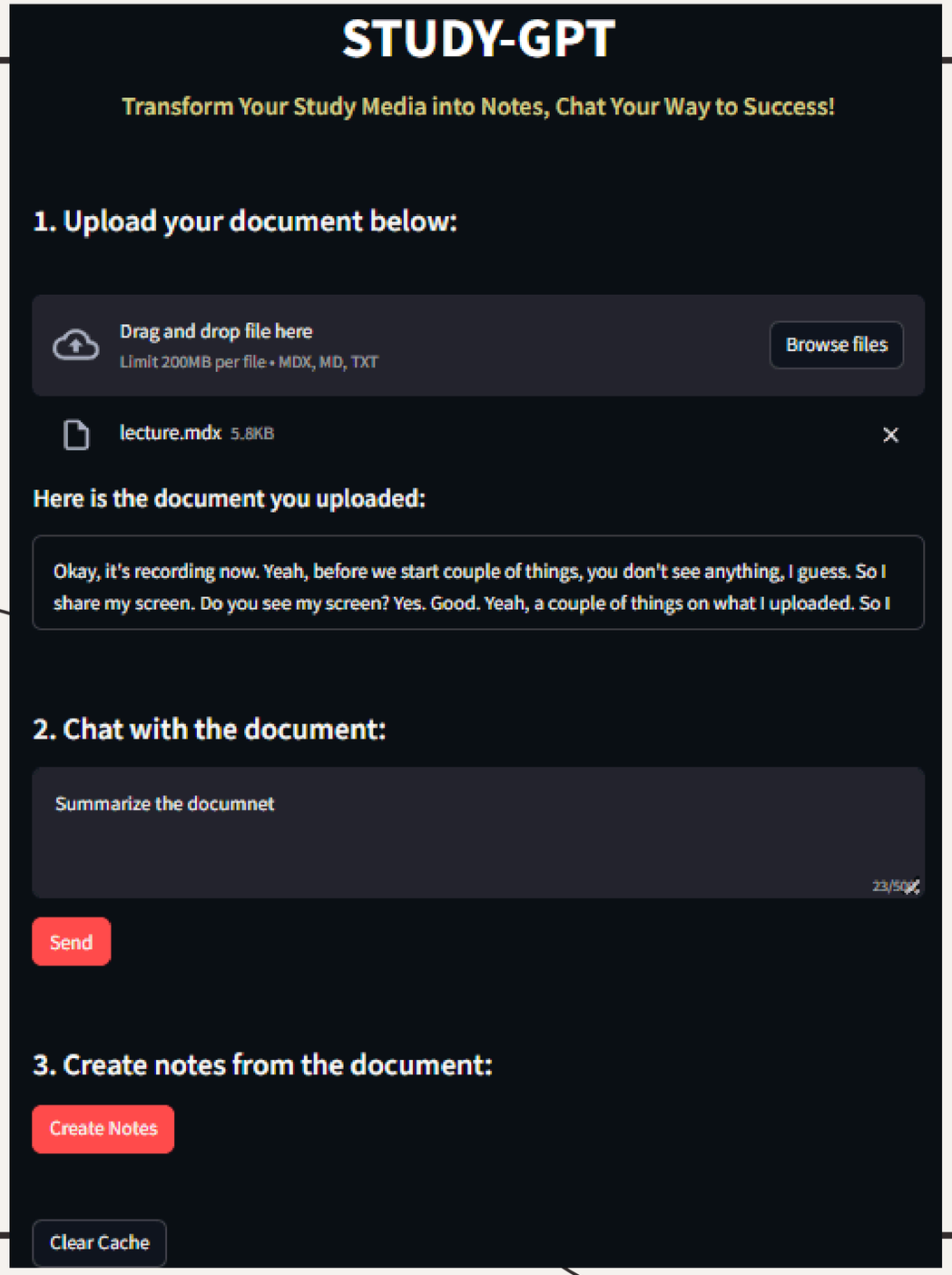
References

1. https://github.com/embedchain/embedchain
2. https://streamlit.io/
3. https://github.com/openai/whisper
4. https://github.com/SamuelDevdas/Study-GPT



Overview

1. WHY? : Exploit Study Media's Untapped Value
2. WHY? : Exploit Study Media's Untapped Value
3. STUDY-GPTS APPROACH : Transforms Lecture Content Future potentials and unique advantages over generic tools.
4. APP DEMO
5. STUDY-GPT in Action: How It Works
6. REFERENCES