A RAG Exam Question Generator

by Alexander Wendt
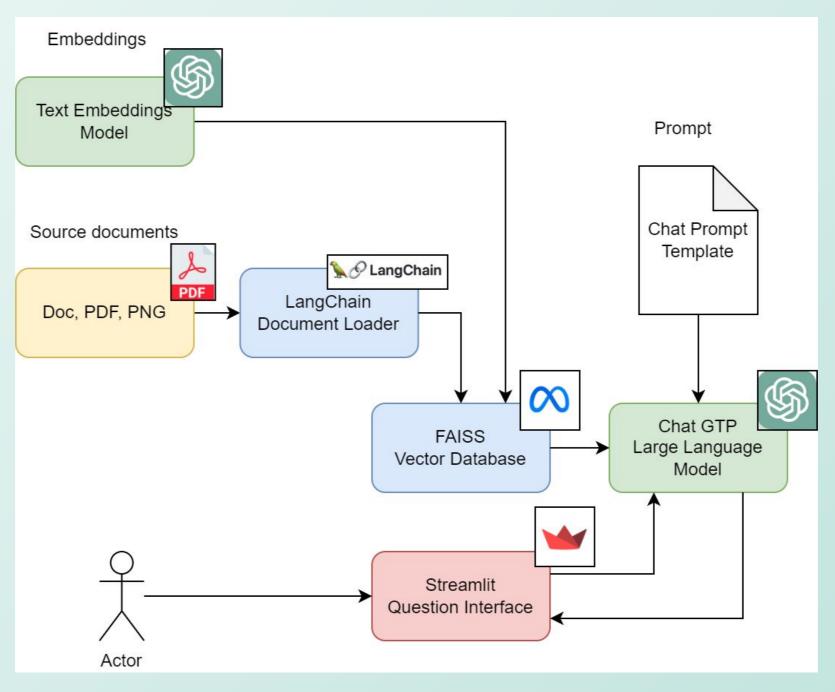
Introduction

- ☐ Demonstrate simplicity of coding

- ☐ Demonstrate power of LLMs

- ☐ Demonstrate simplicity of text extraction tools

- ☐ Autogenerate exam questions for better learning

- ☐ Research question: Is Chat-GTP useful for pupils?

The Retrieval Augmented Generation

Technologies Used

- ☐ **Langchain** methods to extract the texts

- ☐ **FAISS** Vector store

- ☐ OpenAI **ChatGPT** 3.5 Turbo chatbot

- ☐ User interface in **Streamlit**
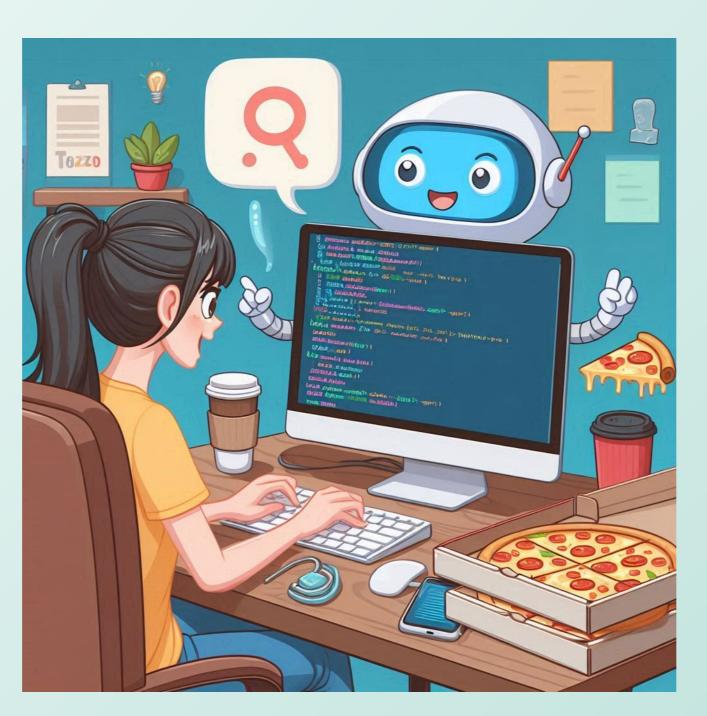
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Repository

https://github.com/alexanderwendt/exam-question-generator

Coding

Let's code…

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Conclusion

➢ Software development never easier

➢ Delivers good results

➢ My children not that enthusiastic as I am