

QA Onboarding Assistant Using LLAMA RAG

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Implementing AI QA Assistant for employee onboarding.

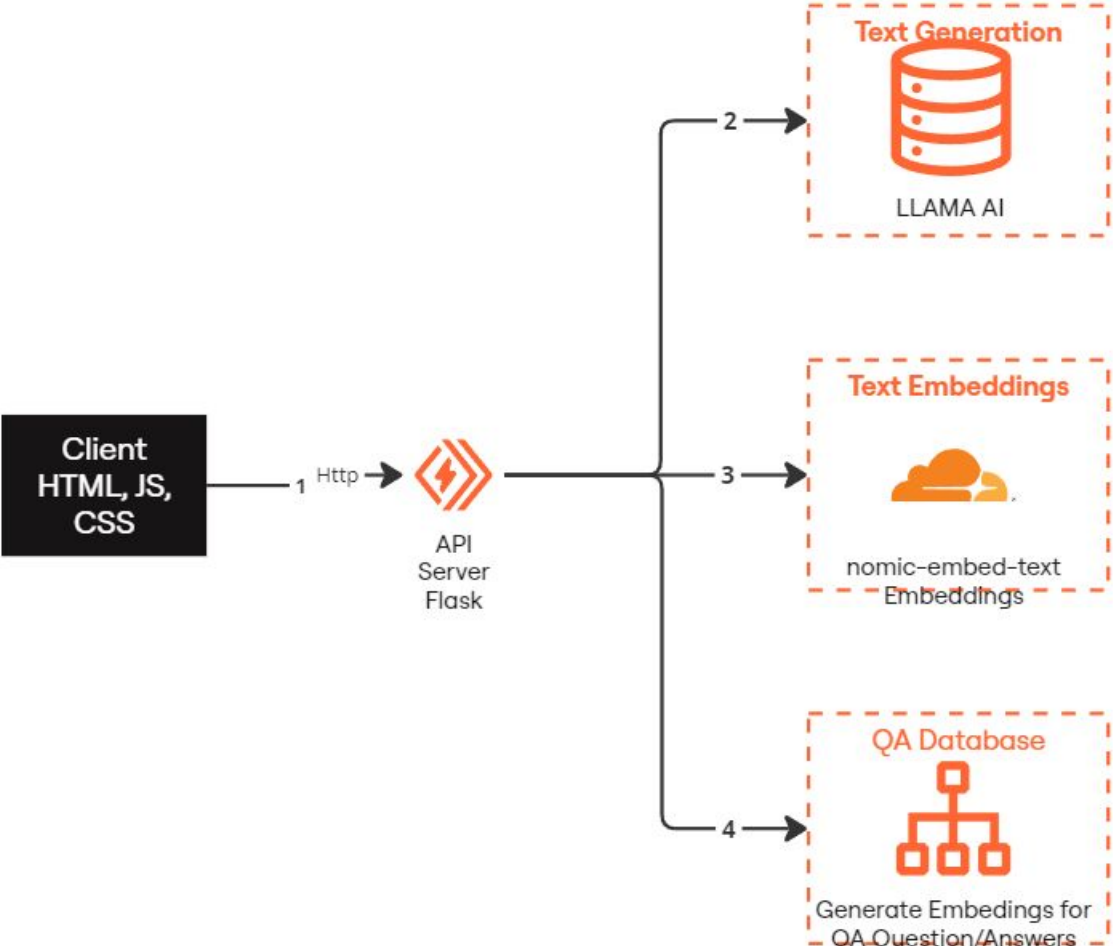
1. Generating Database of questions and answers
2. Creating Embeddings for LLAMA
3. Querying LLAMA using cosine similarity between user query and database questions.
4. Generating answers based on query database

Frontend: HTML, CSS, Javascript

Backend: Python, Flask

LLM: LLAMA, RAG

QA LLAMA AI RAG Assistant Architecture



UI Version for testing

Welcome to Deutsche Bank Onboarding Assistant

What is the dresscode?

Submit

The company has a business casual dress code from Monday to Thursday. On Fridays, employees can dress in casual attire. However, ensure your clothing is always neat and professional.

UI Version for testing

Welcome to Deutsche Bank Onboarding Assistant

What is the color of hope?

Submit

[Redirect to live support](#)

I don't know. The provided context does not mention the color of hope.

Final Version

Welcome Deutsche Bank support Center!

This is the QA online session. Here you can get all the information about company's rules and policies.

If you have any question, type it in the field below:

Here are some common questions:

How do I access my employee benefits?

How can I request time off?

What is the company's dress code policy?

Enter your question:

fdhskjaldsaf

Submit

Answer:

Final Version

Welcome Deutsche Bank support Center!

This is the QA online session. Here you can get all the information about company's rules and policies.

If you have any question, type it in the field below:

Here are some common questions:

How do I access my employee benefits?

How do I report a technical issue?

What is the company's dress code policy?

Enter your question: fdhskjaldsaf

Submit

Answer:

I don't know what that means! Can I help with something else?

Contact live-assistant

Thank you for your attention

Github

https://github.com/ahmedavid/db_hackaton