Projet E12_Bot

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• Bot architecture:

البوت تركيبة
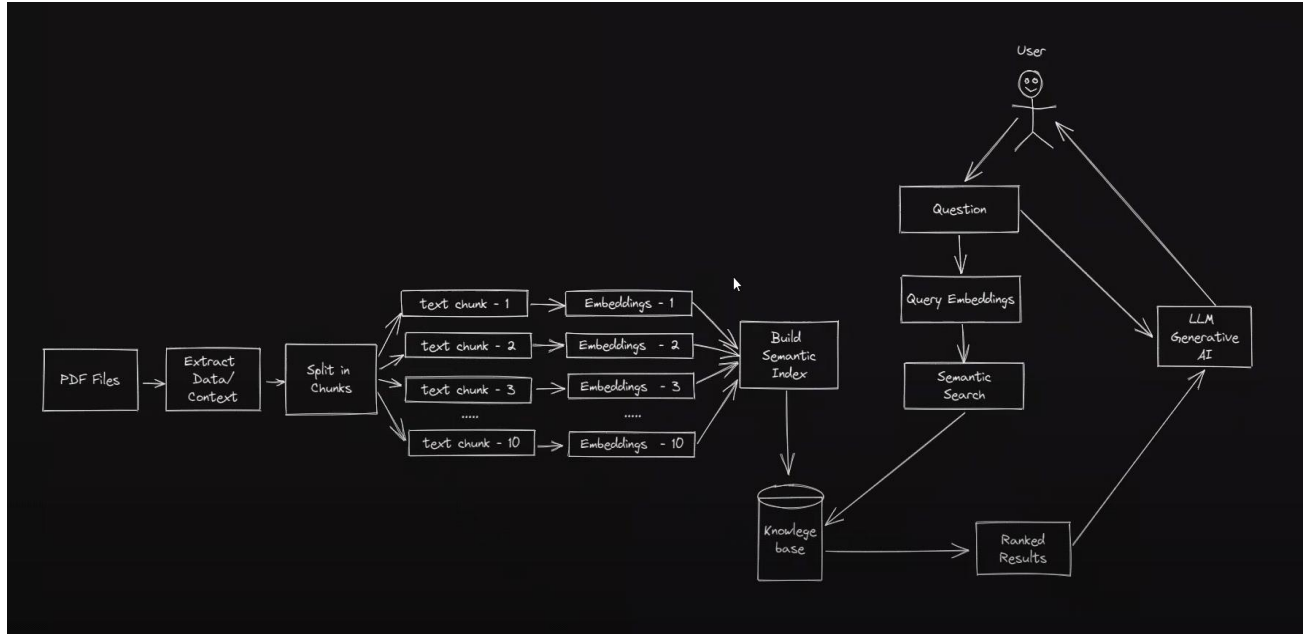
• Used packages/ Libraries:

المستعملة الحزم و المكتبات

interface user streamlit:for

```
import streamlit as st
```

langchain and OpenAI:for the LLM

```
from langchain_openai import OpenAI
```

StrOutputParser:to convert the LLM output from a message to a string

ChatPromptTemplate:to create the prompt using the defined template

```
from langchain_core.output_parsers import StrOutputParser
from langchain_core.prompts import ChatPromptTemplate
```

Dot_env:to load the OpenAI key from the .env file

```
from dotenv import load_dotenv
```

• **Encountered problems:**

المشاكل

وجهتها الا ت

I haven't encountered any big problems so far.