Week 11 Homework 2: GenAl - Containerized video transcription and chat app

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1. Clone the Repository:

git clone https://github.com/Davidnet/docker-genai.git

This command clones the repository docker-genai from GitHub to your local machine.

```
[arsiemayohannes@Arsiemas-MacBook-Air docker-genai-sample % git clone https://github.com/Davidnet/docker-genai.git Cloning into 'docker-genai'...
remote: Enumerating objects: 66, done.
remote: Counting objects: 100% (66/66), done.
remote: Compressing objects: 100% (43/43), done.
remote: Total 66 (delta 24), reused 60 (delta 20), pack-reused 0
Receiving objects: 100% (66/66), 114.38 KiB | 680.00 KiB/s, done.
Resolving deltas: 100% (24/24), done.
```

2. Navigate to the Repository:

cd docker-genai

Move into the cloned repository directory.

```
[arsiemayohannes@Arsiemas-MacBook-Air docker-genai-sample % cd docker-genai
```

3. Create the .env File:

cp .env.example .env

This command creates a copy of the .env.example file and names it .env.

```
[arsiemayohannes@Arsiemas-MacBook-Air docker-genai % cp .env.example .env
```

4. Open the .env File for Editing:

nano .env

This command opens the .env file in the nano text editor. If you prefer another text editor, you can replace nano with the command for your preferred editor.

## [arsiemayohannes@Arsiemas-MacBook-Air docker-genai % nano .env

```
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File: .env

GenAI

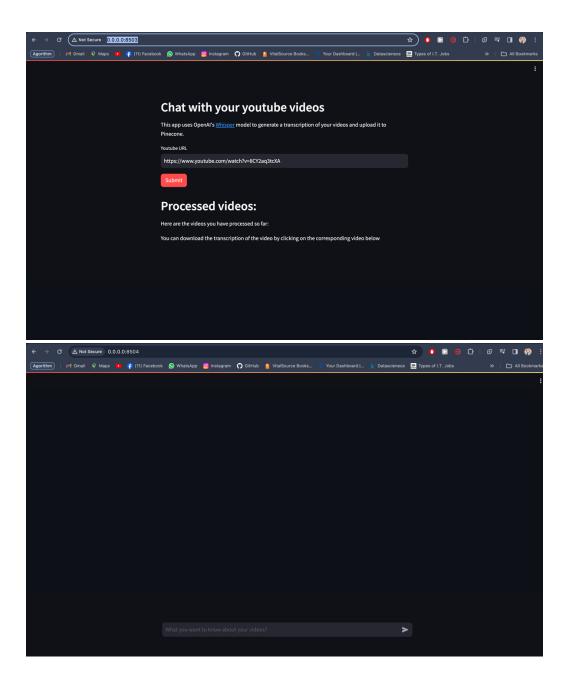
GenAI
```

5. Build and Run the Application:

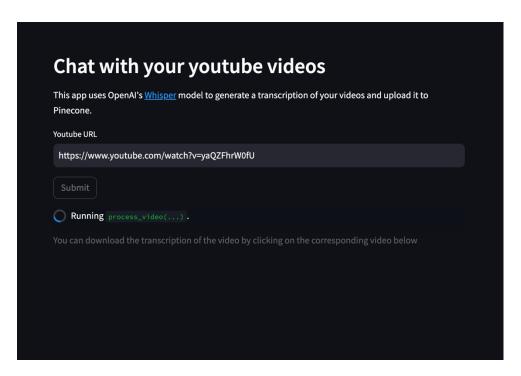
docker-compose up --build

This command builds the Docker images and starts the containers specified in the docker-compose.yaml file.

6. Can access the apps with <a href="http://0.0.0.0:8504/">http://0.0.0.0:8503/</a>



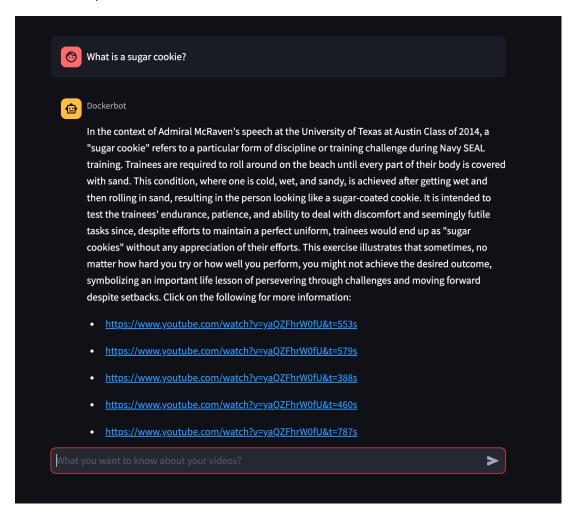
7. Once the application appears, in the Youtube URL field specify a Youtube video URL and select Submit. The following example uses <a href="https://www.youtube.com/watch?v=yaQZFhrW0fU">https://www.youtube.com/watch?v=yaQZFhrW0fU</a>



After processing the video, a video list appears in the web app that informs you which videos have been indexed in Pinecone. It also provides a button to download the transcript.



8. Ask the Dockerbot a question about a video that was processed by the ytwhisper service.



Docker Compose is a tool for defining and running multi-container applications.Compose makes it easy to run this application with a single command.