



Meow//Sync

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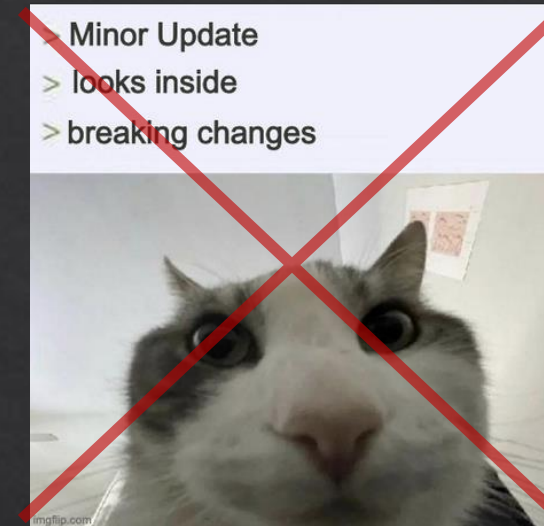
But du projet

Synchroniser des playlists d'une plateforme à une autre

Apprendre à utiliser des APIs externes et le flow OAuth2

Workflow

- ◊ Frontend
 - ◊ Yohan
- ◊ Backend
 - ◊ Catalin
 - ◊ Julien



django

Technologies



Vue.js

django

REST
framework



NuxtUI

OpenAPI TS

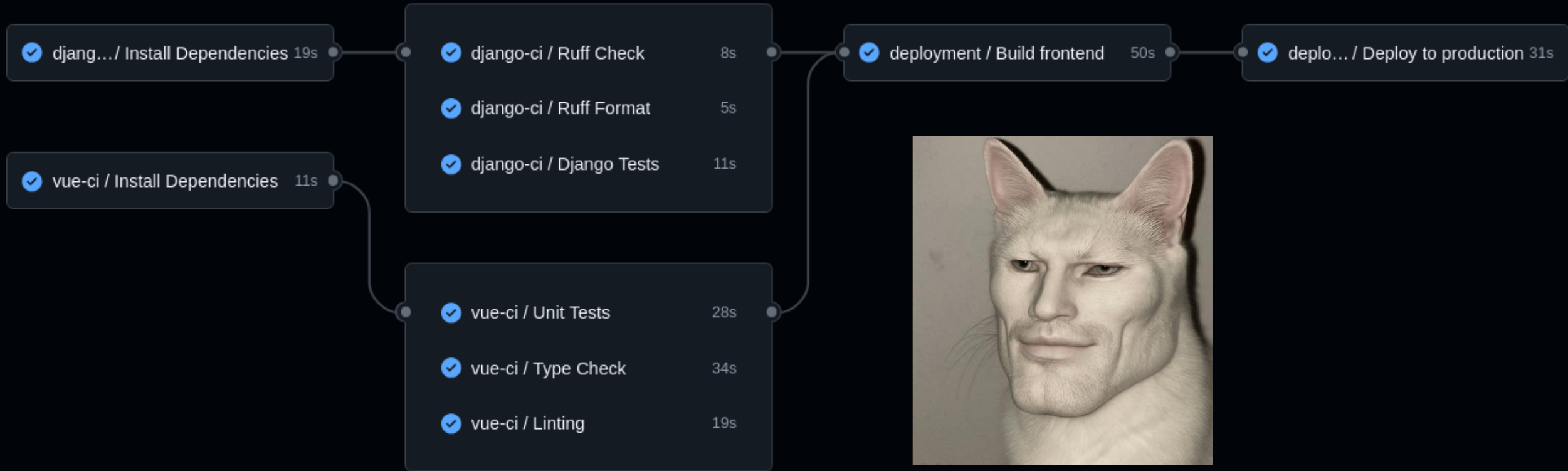


swagger



Réalisation

Déploiement Continu (CI/CD)



5. Synchronisation des paquets python et migration base de donnée
6. Démarrage du backend

Auto-t

- ◊ Typage de bout en bout entre le b
- ◊ Mise à jour automatique via plugi



```
client.POST("/api/playlists/");
```

```
client.POST("/api/playlists/", {  
  body: {  
    id: 1,  
  },  
});
```

```
const res = await client.GET("/api/playlists/{id}/", {  
  params: { path: { id2: 1 } },  
});
```

```
if (res.data) {  
  const id = res.data.id;  
  const playlistName = res.data.name;  
}
```

Intégration des APIs Spotify/YouTube

- > 🐙 ApiSong class ApiSong
- > 🐙 ApiPlaylist class ApiPlaylist
- > 🐙 ApiUser class ApiUser
- > 🐙 ApiTokens class ApiTokens
- > 🐙 ApiResponse class ApiResponse
- > 🐙 ApiSuccess class ApiSuccess
- > 🐙 ApiError class ApiError
- > 🐙 ApiSearchQuery class ApiSearchQuery
- > 🐙 ApiInterface class ApiInterface

- ▼ 🐙 ApiInterface
 - > 🐙 login_url
 - > 🐙 get_tokens
 - > 🐙 __init__
 - > 🐙 get_current_user
 - > 🐙 search_song
 - > 🐙 get_all_playlists
 - > 🐙 get_playlist
 - > 🐙 get_playlist_with_songs
 - > 🐙 add_to_playlist
 - > 🐙 add_to_playlist_single
 - > 🐙 remove_from_playlist
 - > 🐙 remove_from_playlist_single
 - > 🐙 create_playlist



Recherche de musiques similaires

1. Recherche



YouTube

black out days phantogram



Spotify



black out days phantogram



track:black out days artist:phantogram

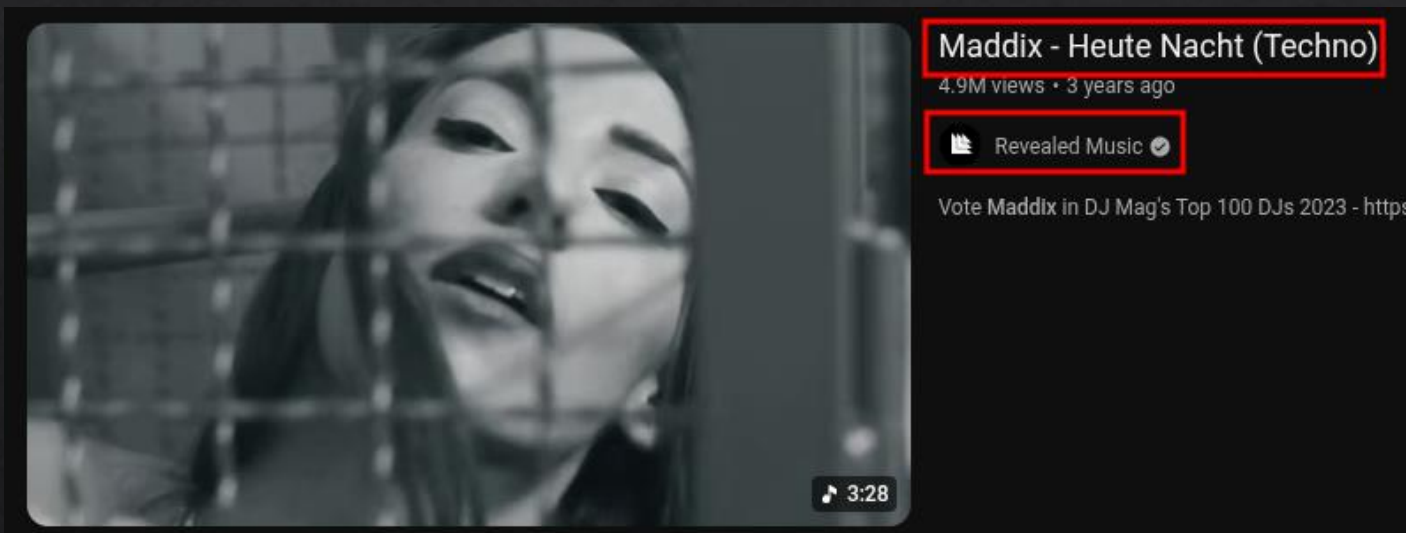


Recherche de musiques similaires

2. Résultats



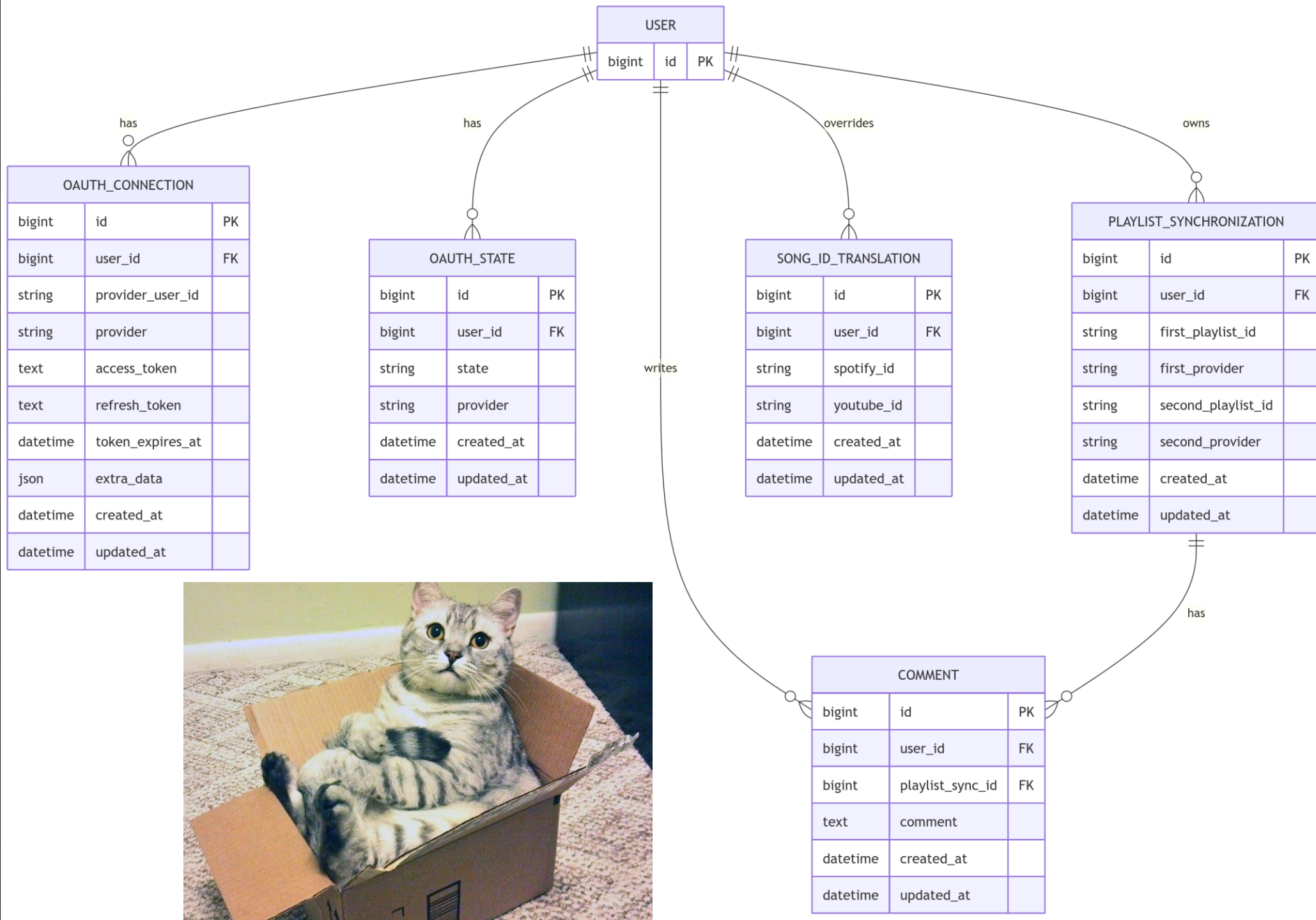
YouTube



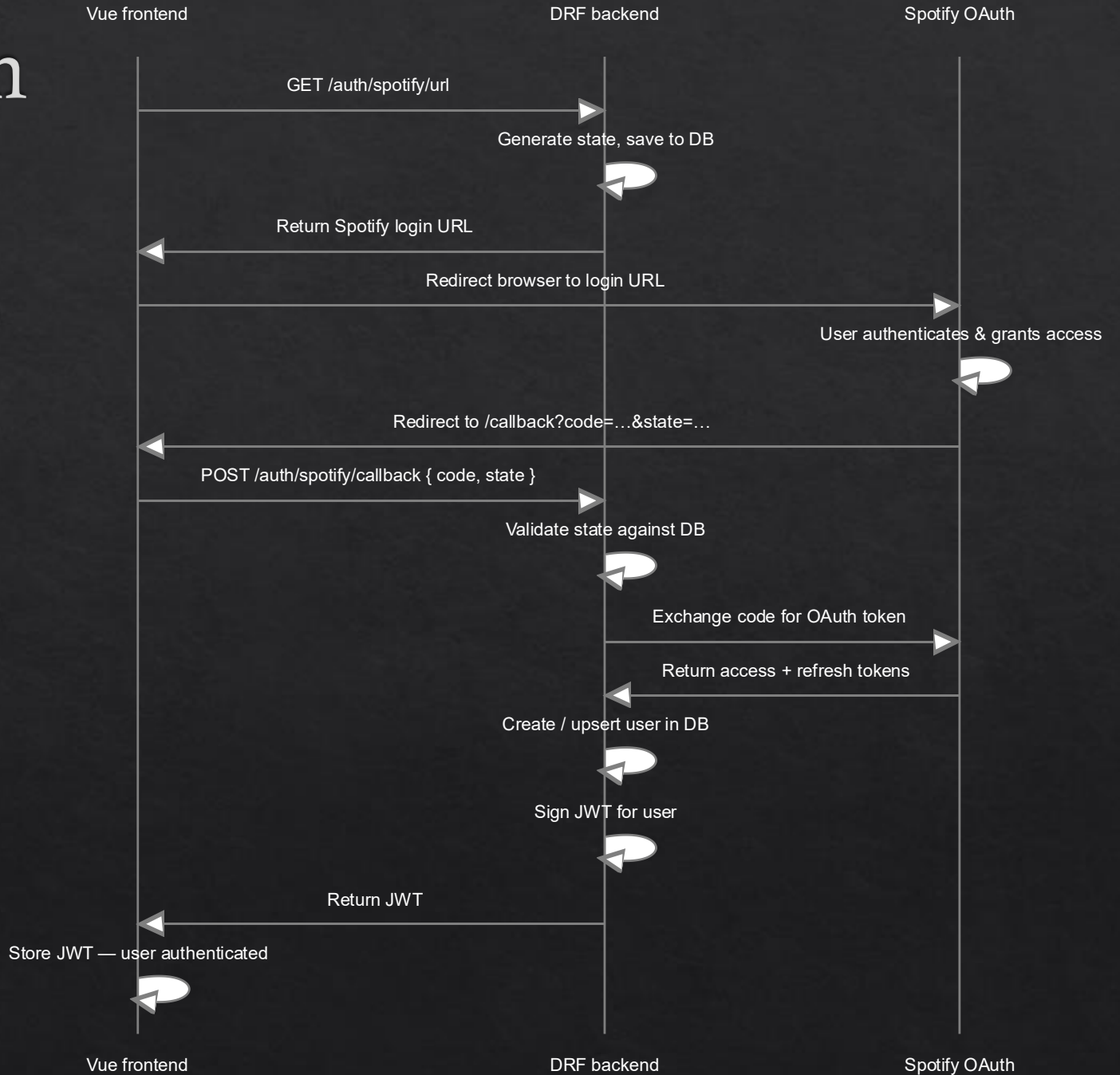
Spotify



Base de données



Authentication OAuth2



A tabby cat with white markings on its chest and paws is standing on its hind legs in a grassy field. The cat's front paws are extended forward, and its tail is slightly curved. In the background, there is a dark wooden fence and a range of mountains under a hazy sky. The word "Démonstration" is overlaid in the center of the image.

Démonstration

Limitations et problèmes rencontrés

rage is consuming me



- ◆ Frontend
- ◆ API Spotify (!!!)
- ◆ API Youtube
- ◆ Communication

Améliorations possibles

- ◇ Intégrer Deezer / AppleMusic / Tidal
- ◇ Algorithme de recherches
- ◇ Finir les commentaires
- ◇ Optimiser l'utilisation des APIs



A detailed illustration of a tabby cat acting as a DJ in a recording studio. The cat is wearing headphones and has its paw on a mixing console. The studio is filled with various pieces of audio equipment, including speakers, a keyboard, and a mixing desk. In the background, there are large studio monitors and a wall of soundproofing. Floating in the air are musical notes and a stylized lightning bolt. The overall atmosphere is dark and moody, with a focus on the cat's role in music production.

Utilisation de l'IA





Conclusion



Merci pour votre attentions, avez-vous des

Questions ?