Backend Documentation.1

This document provides an overview of the backend API endpoints and data structures used in the application.

Getting Started

1. Clone the repository:

```
git clone https://github.com/your-username/your-repo.git
cd your-repo
```

2. Install dependencies:

```
pip install -r requirements.txt
```

3. Set up PostgreSQL:
   - Install PostgreSQL and create a database named `api`.
   - Modify the database connection strings in `app.py` and `search.py` if necessary.

Running the Applications

1. Run the PDF Word Extractor application:

```
python app.py
```

2. Run the Search API application:

```
python search.py
```

app.py (PDF Word Extractor)

```
[Contenu de app.py]
```

search.py (Search API)

```
[Contenu de search.py]
```

```
## Flask PDF Word Extractor

### Upload PDF
- **URL:** `/upload-pdf`
- **Méthode:** POST
- **Authentication Required:** Non
- **Corps de Requête:** (multipart form data)
  - Fichier PDF à uploader

### Exemple de Corps de Requête:
```json
Aucun, car le corps de requête est un fichier PDF (multipart form data)
```

Recherche API

Recherche de Phrases

- **URL:** `/api/recherche`
- **Méthode:** POST
- **Authentication Required:** Non
- **Corps de Requête:**
  - JSON avec la clé "phrase" contenant la phrase à rechercher

Exemple de Corps de Requête:

```json
{
  "phrase": "Lorem ipsum dolor sit amet"
}
```