FlashcardsApp

Overview

FlashcardsApp is a web application that helps users create, manage, and study flashcards to enhance their learning experience. Whether you are a student, teacher, or lifelong learner, our app provides the tools you need to succeed.

Prerequisites

Node.js and npm

Make sure you have Node.js and npm installed. You can download Node.js from https://nodejs.org/en/download/. Make sure to download the LTS version.

VSCode

We recommend using VSCode for this project. Make sure you have the following extensions installed:

- Prettier - Code formatter
- Auto Rename Tag
- GitLens - Git supercharged

Setup Instructions

1. Clone the Repository

```
git clone https://github.com/UCLL-Full-stack/project2425-groep1-23.git
cd project2425-groep1-23
```

2. Create Environment Files

Create the `.env` file in the `back-end` directory with the following content:

```
# .env (back-end)
DATABASE_URL="postgresql://postgres:postgres@localhost:5432/flashcarddb?schema=public"
JWT_SECRET="2492067e5cebc3914bc9f7d502472b6d8bbaeb994441409ce7f7b48898e6e44f341b67316ea7ae916c206dc91b751f9157aa6cc9779f908e52660e42fa5013f1"
JWT_EXPIRES_HOURS=8
```

Create the `.env.local` file in the `front-end` directory with the following content:

```
# .env.local (front-end)
NEXT_PUBLIC_API_BASE_URL=http://localhost:4000
```

3. Install Dependencies

Navigate to the `back-end` directory and install the dependencies:

```
cd back-end
npm install
```

Navigate to the `front-end` directory and install the dependencies:

```
cd ../front-end
npm install
```

4. Start the Backend Server

Navigate to the `back-end` directory and start the server:

```
cd back-end
npm run dev
```

5. Start the Frontend Server

Navigate to the `front-end` directory and start the development server:

```
cd ../front-end
npm run dev
```

6. Access the Application

Open your browser and navigate to http://localhost:3000 to access the frontend application.

Additional Information

Backend

The backend server is built with Node.js and Express. It uses Prisma as the ORM to interact with the database. The backend server runs on port 4000 by default.

Frontend

The frontend application is built with Next.js and React. It uses next-i18next for internationalization and js-cookie for handling cookies.

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