

How to Run the Application

To run this application, you'll need to set up both the frontend and backend environments. Below are the steps for setting up each part of the application.

Frontend (React)

1. Clone the repository or navigate to the project folder.

<https://github.com/justaroundthecorner/auth-app.git>

Navigate to the frontend directory and install the required dependencies by running the following command:

```
npm install
```

Once the dependencies are installed, start the React development server:

```
npm start
```

2. The frontend will be available on <http://localhost:3000>.

Backend (NestJS)

Navigate to the backend directory and install the required dependencies:

```
npm install
```

Start the backend development server with the following command:

```
npm run start:dev
```

The API will be running on <http://localhost:5000>

MongoDB Setup

You need to have MongoDB running for the backend to store user data. I used MongoDB Atlas, the connection string needs to be added in .env file.

MONGO_URI=<mongodb+srv://developerteam05:isra1234@user.qpmym.mongodb.net/>

API Integration

The frontend will make API requests to the backend. Here are the available endpoints:

- **Signup API:** [POST /api/auth/signup](#)
- **Signin API:** [POST /api/auth/signin](#)

Ensure that the backend is running before you attempt to interact with the frontend.

Tech Stack Used

Frontend Technologies:

- **React**
- **Material-UI**
- **Typescript**

Backend Technologies:

- **NestJS.**
- **MongoDB**
- **Mongoose**
- **Bcrypt**
- **Typescript**

Security Best Practices:

- **CORS .**
- **Password Hashing with Bcrypt**
- **RateLimiterModule**

Logging:

- **Nest js Logger**

Unit Test Cases:

- **Nestjs testing**

Configuration:

Use of .env files, to configure urls and ports