User Management API Documentation

Introduction

This API provides functionalities for user signup, signin, profile management, and email confirmation. The following documentation will guide you through setting up the development environment, installing dependencies, running the application, and using the available endpoints.

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Setup Development Environment

1. Ensure you have Node.js and npm installed on your machine.
2. Clone the repository to your local machine.

git clone <repository-url>

cd <repository-directory>

Install Dependencies

Run the following command to install all necessary dependencies:

npm install

Running the Application

1. Set up your environment variables in a `.env` file.

JWT_SECRET=as78sdgv8gb3j4

EMAIL=fauzdarraj157@gmail.com

PASSWORD=sbnwtbvtpbbddpml

2. Start the application:

node server.js

The server will start on port 3000.

Available Endpoints

1. User Signup

- **URL:** /api/signup
- **Method:** POST
- **Description:** Registers a new user.
- **Request Body:**

```
{

  "username": "exampleUser",

  "email_id":

"example@example.com",

"password": "examplePassword"

}
```

- **Response:**

```
{

  "success": true,

  "msg": "User added successfully. Please check your email to confirm your account."

}
```

2. User Signin

- **URL:** /api/signin
- **Method:** POST
- **Description:** Logs in an existing user.
- **Request Body:**

```json
{

  "email_id": "example@example.com",

"password": "examplePassword"

}
```

- **Response:**

```json
{

  "success": true,

  "message": "user login successful",   "token":

"jwt-token"

}
```

3. Get Pro ile

- **URL:** `/api/profile`
- **Method:** `GET`
- **Description:** Retrieves the profile of the authenticated user.

- **Headers:**

Authorization: Bearer <jwt-token>

- **Response:**

```json
{
"success": true,

"user": {

"username": "exampleUser",

"email_id": "example@example.com",

 "isConfirmed": true


}

}
```

API Examples

Signup Request

```
curl -X POST http://localhost:3000/api/signup \

-H "Content-Type: application/json" \

-d '{

"username": "exampleUser",

"email_id": "example@example.com",

"password": "examplePassword"

}'
```

Signup Response

```
{

  "success": true,

  "msg": "User added successfully. Please check your email to confirm your account."

}
```

Signin Request

```
curl -X POST http://localhost:3000/api/signin \

-H "Content-Type: application/json" \

-d '{

"email_id": "example@example.com",

"password": "examplePassword"

}'
```

Signin Response

```
{

  "success": true,

  "message": "user login successful",

"token": "jwt-token"

}
```

Get Profile Request

```
curl -X GET http://localhost:3000/api/profile

\ -H "Authorization: Bearer jwt-token"
```

Get Profile Response

```
{
 "success": true,
 "user": {
"username": "exampleUser",
 "email_id": "example@example.com",
"isConfirmed": true
 }
}
```

This documentation covers the setup, installation, running the application, and using the available endpoints with examples. If you have any questions or issues, please refer to the code comments