

Virtual Try-On App Setup Guide

Prerequisites

- Node.js (v14 or later)
- PostgreSQL database
- AWS account with S3 access

Setup Steps

1. Clone the repository:

```
...  
git clone <repository-url>  
cd virtual-try-on-app  
...
```

2. Install dependencies:

```
...  
npm install  
...
```

3. Set up environment variables:

Create a `.env` file in the root directory with the following contents:

```
...  
  
# Database  
DB_NAME=your_database_name  
DB_USER=your_database_user  
DB_PASSWORD=your_database_password  
DB_HOST=localhost  
  
# JWT  
JWT_SECRET=your_jwt_secret  
  
# AWS S3  
AWS_ACCESS_KEY_ID=your_aws_access_key_id  
AWS_SECRET_ACCESS_KEY=your_aws_secret_access_key  
AWS_REGION=your_aws_region  
S3_BUCKET_NAME=your_s3_bucket_name  
  
# Server  
PORT=3000  
...
```

Replace the placeholder values with your actual configuration.

4. Set up the database:

- Create a PostgreSQL database with the name specified in your ``.env`` file.

5. Run database migrations:

...

```
npx sequelize-cli db:migrate
```

...

6. Start the server:

...

```
npm start
```

...

For development with auto-reload:

...

```
npm run dev
```

...

7. The server should now be running on ``http://localhost:3000`` (or the port specified in your ``.env`` file).

Troubleshooting

- If you encounter the "bucket is required" error, make sure you've set the ``S3_BUCKET_NAME`` in your ``.env`` file.
- Ensure that your AWS credentials are correct and have the necessary permissions to access the S3 bucket.
- If you face any database connection issues, double-check your database credentials in the ``.env`` file.

Running Tests

To run the test suite:

...

```
npm test
```

...

For watching mode:

...

```
npm run test:watch
```

...

For test coverage:

```
...
```

```
npm run test:coverage
```

```
...
```

Additional Notes

- Make sure to keep your `.env` file secure and never commit it to version control.
- For production deployment, consider using environment variables instead of a `.env` file.
- Regularly update your dependencies to ensure you have the latest security patches.