■■ Rainfall API Documentation

Authentication

All endpoints (except register and login) require an API key.
Pass the API key in the request header:
```
x-api-key: YOUR_API_KEY
```

1. Register

```
POST /auth/register
```
Registers a new user.
Request Body (JSON):
```
{"username": "john", "email": "john@example.com", "password": "123456",
"isAdmin": true}
```
Response:
```
{"message": "User registered successfully"}
```

2. Login

```
POST /auth/login
```
Logs in an existing user.
Request Body (JSON):
```
{"email": "john@example.com", "password": "123456"}
```
Response:
```
{"message": "Login successful", "apiKey": "GENERATED_API_KEY"}
```

3. Rainfall Endpoints

Method & Endpoint	Description
GET /rainfall/day/:date	Fetch rainfall data for a specific day (all locations).
GET /rainfall/location/:area	Fetch rainfall data for a specific location (all days).
GET /rainfall/location/:area/day/:date	Fetch rainfall data for a specific location and day.
GET /rainfall/all	Fetch rainfall data for all days and locations.
POST /rainfall/	Add new rainfall data (Admin only).
PATCH /rainfall/:id	Update rainfall record (Admin only).
DELETE /rainfall/:id	Delete rainfall record (Admin only).