

Cosmic Watch API

Official API for Cosmic Watch Hackathon Project.
Features NASA Data integration, User Authentication, and Gemini AI-powered Asteroid Risk Analysis.

Auth

POST Register User

http://localhost:5000/api/auth/register

HEADERS

Content-Type application/json

Body raw

```
{
  "username": "star_gazer",
  "email": "judge@cosmic.com",
  "password": "password123"
}
```

POST Login User

http://localhost:5000/api/auth/login

HEADERS

Content-Type application/json

Body raw

```
{
  "email": "judge@cosmic.com",
  "password": "password123"
}
```

Asteroids

GET Get Feed (Risk Engine)

http://localhost:5000/api/asteroids

AI Intelligence

POST Get AI Risk Analysis

http://localhost:5000/api/asteroid/summary

Sends asteroid data to Google Gemini to generate a military-style mission report.

HEADERS

Content-Type application/json

Body raw

```
{
  "name": "2024 XK (Simulated)",
  "size": "0.45",
  "speed": "25000",
  "distance": "120000",
}
```

```
{  
  "risk": "Critical"  
}
```

User Profile

GET Get Profile

http://localhost:5000/api/user/profile

HEADERS

Authorization Bearer {{token}}

POST Add Watch Item

http://localhost:5000/api/user/watch

HEADERS

Content-Type application/json

Authorization Bearer {{token}}

Body raw

```
{  
  "asteroidId": "3542519"  
}
```