



Projekt rt21


David Slatinek
Marcel Iskrač
Marko Hiršel



Strežnik

- Heroku
- Docker
- Gostovanje API-ja, spletne strani

 rt21-api

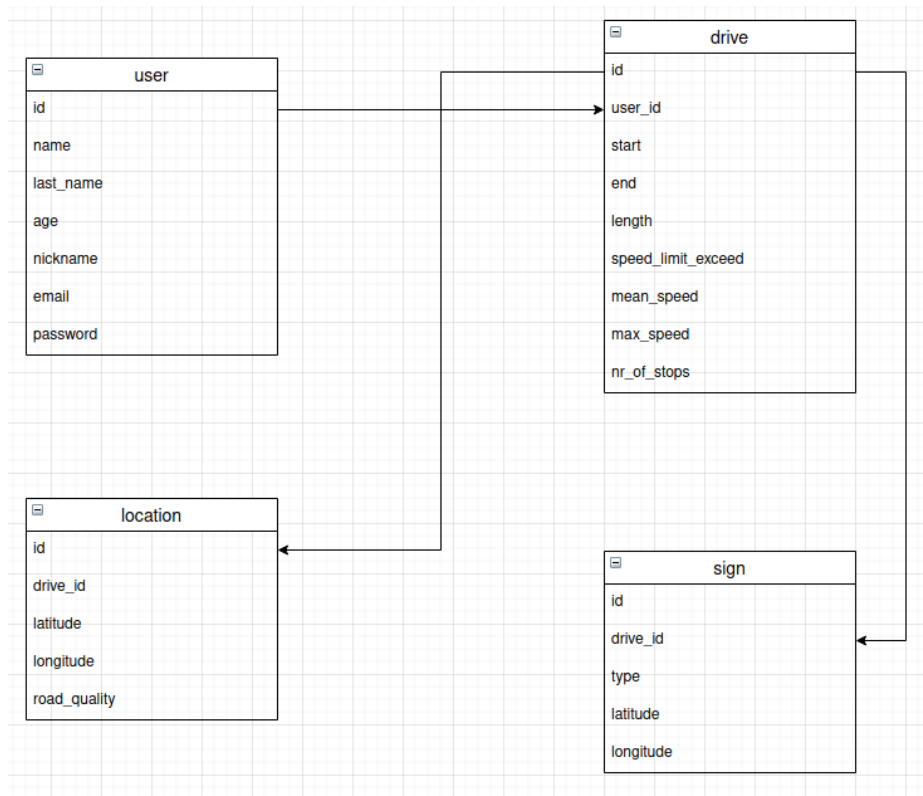
 Container • container • Europe 

 rt21-website

 Container • container • Europe 

Podatkovna baza

- MongoDB
- MongoDB Atlas



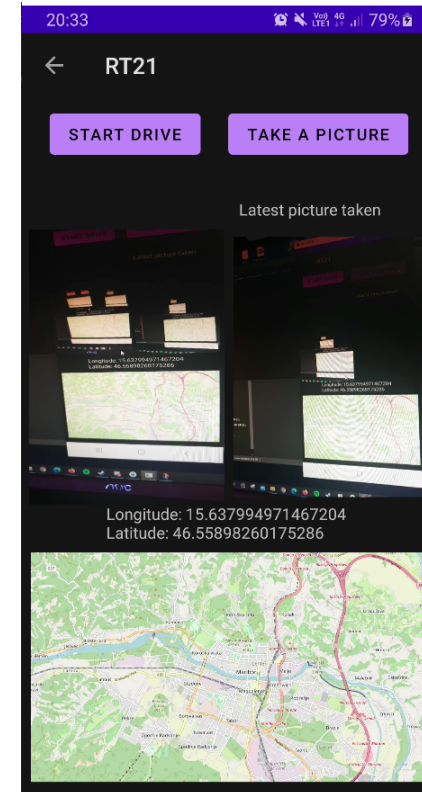
API

- Python, ogrodje flask
- REST API, JSON
- API ključ
- CRUD

```
@app.route('/api/user/<user_id>', methods=['GET'])
def get_user(user_id):
    if request.headers.get('X-API-Key') != api_key:
        return create_response("error", "api key not given or invalid", 401)
    return user.get_user(user_id)
```

Android aplikacija

- Java
- Zajemanje podatkov
- OpenCV



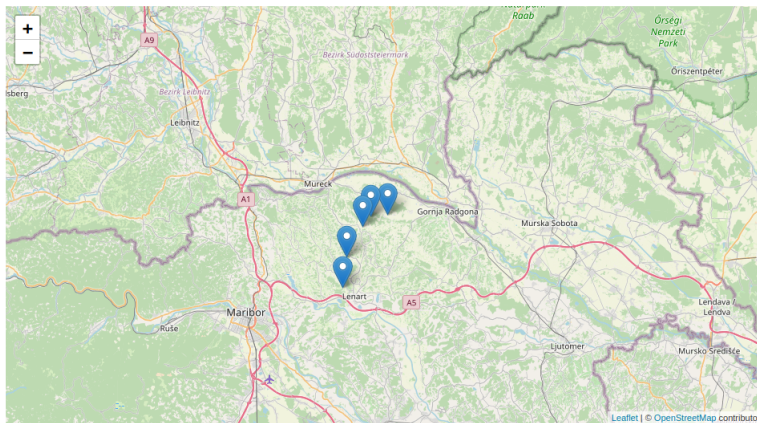
Spletna stran

- React
- Vizualizacija podatkov

Old drives locations

6/1/2021, 10:03:53 AM - 6/1/2021, 10:03:53 AM
6/1/2021, 10:04:13 AM - 6/1/2021, 10:04:13 AM
6/1/2021, 10:04:15 AM - 6/1/2021, 10:04:17 AM

Show road quality detected



Drive length:	10 km
Maximum speed:	50 km/h
Average speed:	40 km/h
Number of full stops:	5