

Gruber Logistics Hackathon Challenge

SFSCON 2023



TECHPARK SÜDTIROL / ALTO ADIGE



TECHPARK SÜDTIROL / ALTO ADIGE

Team



Silvia Brighi



Oscar Licciardi



Gianluca Lorusso



Tim Wehning

Motivation

Truck drivers often spend a lot of time waiting in a parking lot.

That time could go wasted or...



Our Proposal

Truckers take photos of other trucks in their parking lot

Data about the the company, and their contact details get logged



Motivation for truck drivers to do something during their pause

Tracked data is provided data via API to logistics companies

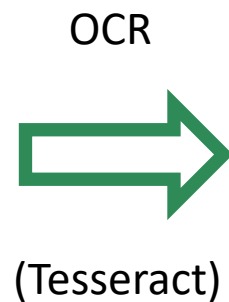
- ↳ find potential carriers
- ↳ vizualize data (map, dashboard)



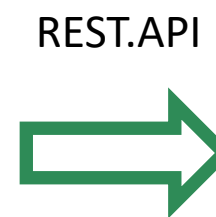
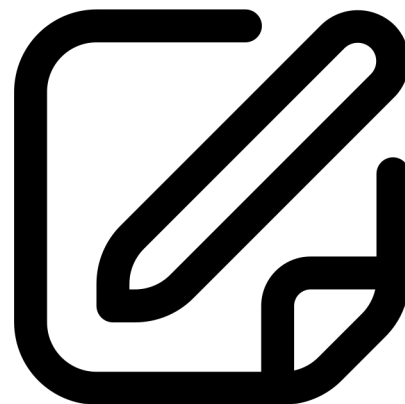


How Grubit works

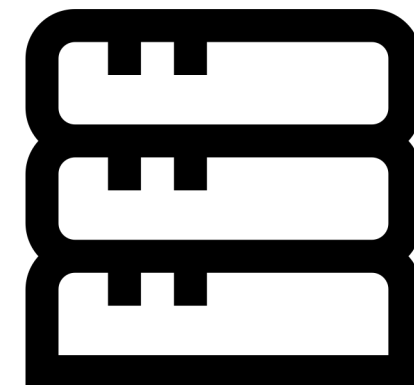
Image



Structured Data



Database



Tech-Stack



Lightweight Relational Database

Tech-Stack



MVC Backend for robust API

Lightweight Relational Database



Tech-Stack

React Native Frontent



MVC Backend for robust API

Lightweight Relational Database

Reward System for Users

Drivers collect points by submitting photos

Points can be redeemed to obtain voucher (QR Code)
for nearby restaurant

Serves as an incentive to keep submitting pictures

A photograph of a man with a beard driving a car. He is wearing a dark jacket and is looking down at a smartphone held in his left hand. The car's steering wheel and dashboard are visible. The image has a blue tint and a vertical split line down the center.

Safety

We do not want to encourage phone use while driving

Grubit determines movement speed of the user and blocks the app if necessary

Thank you!



<https://github.com/oscarlicciardi/Grubitrepo>



TECHPARK SÜDTIROL / ALTO ADIGE