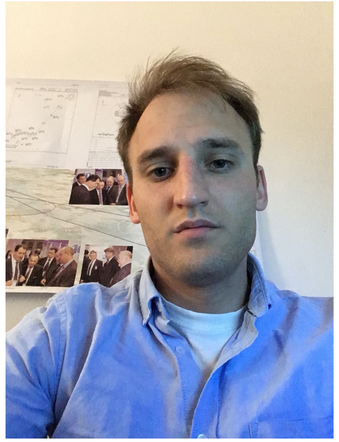
URBAN MOBILITY HACKATHON

Transport Reality

EVA TEAM

Team



Artem

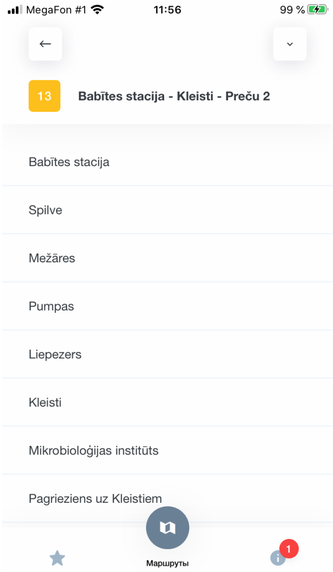
iOS/backend

Dasha

PM

Problem

- The main thing is to move around the city, as convenient and simple as possible for each person.

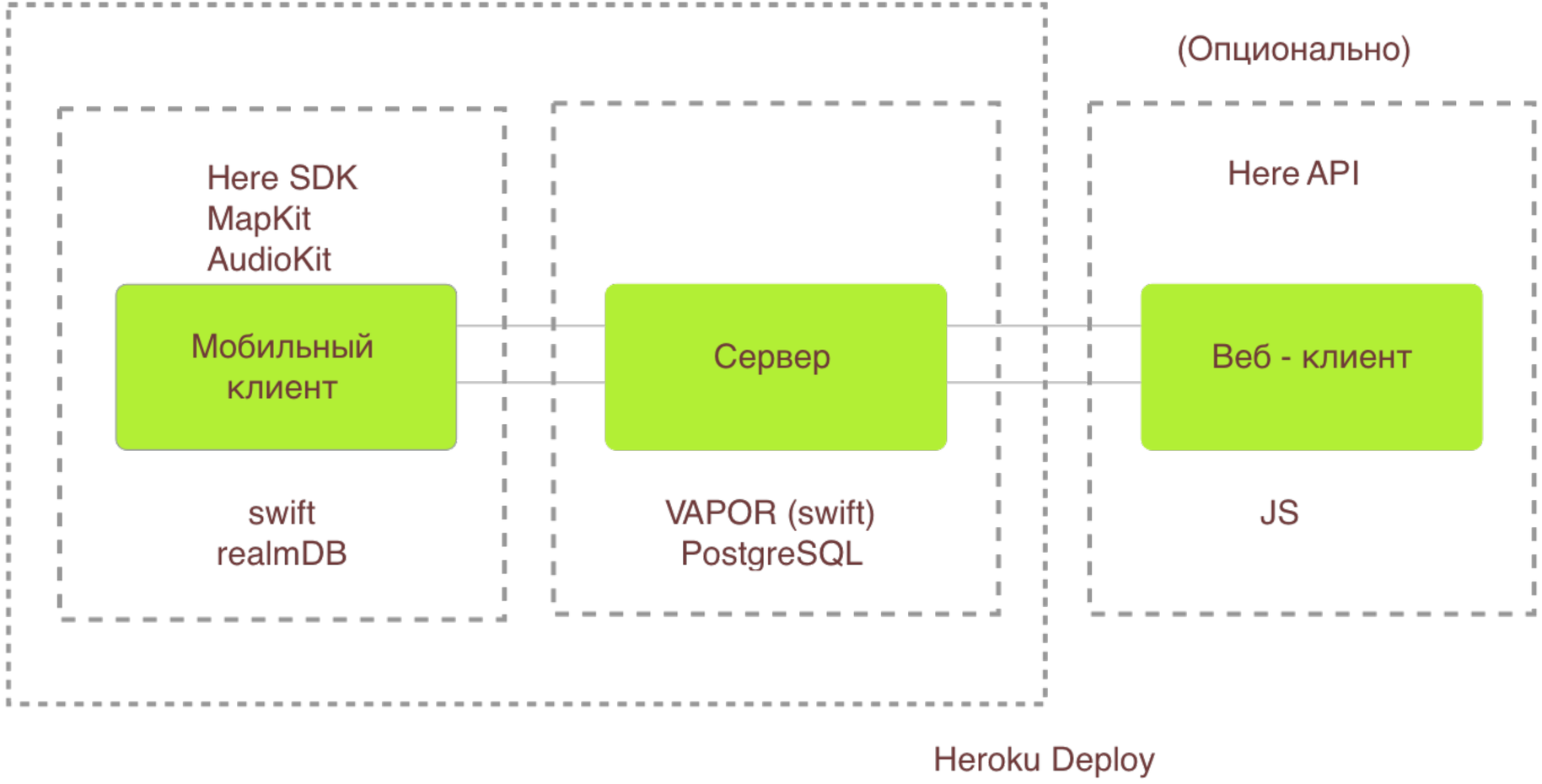


How can we solve the problem

The mobile application will include functionality

- building routes multimodal,
- Info about bus stop/timetable,
- navigation,
- use AR scene for show point in Real World

Architecture



SW Platform

Frontend:

- Mobile - Swift/AudioKit

Server:

- VAPOR - Swift

DB:

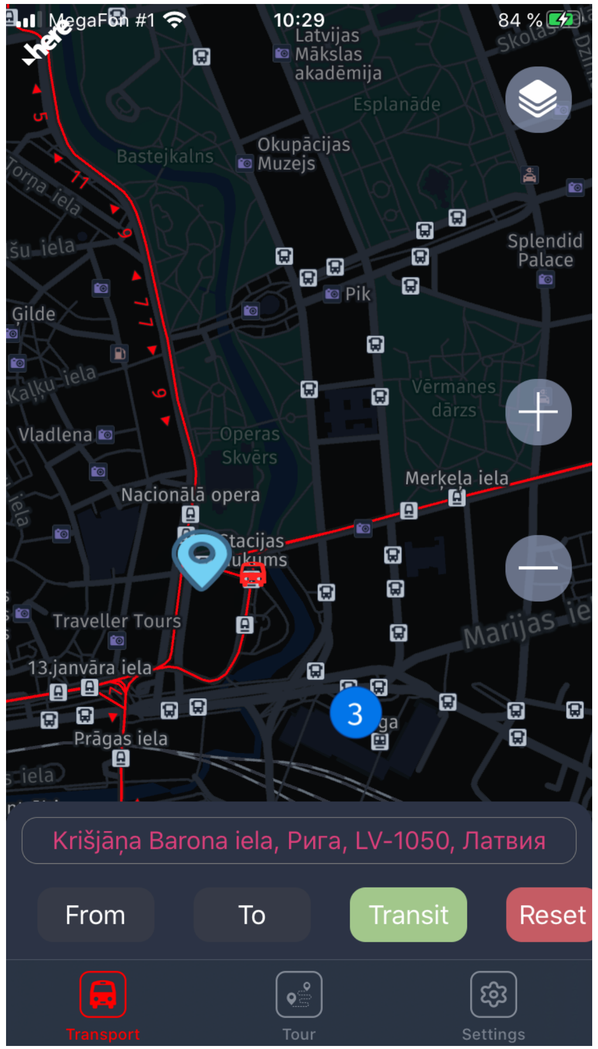
- PostgreSQL - Deploy Heroku CLI

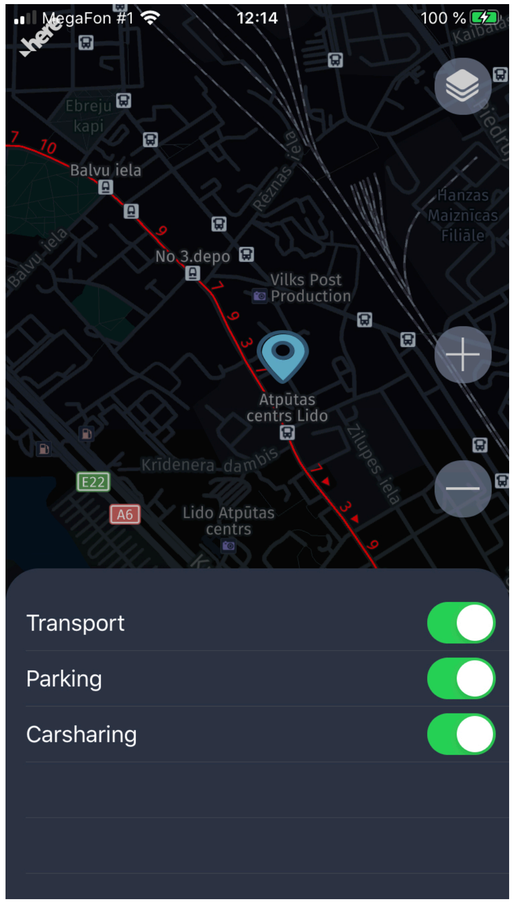
Maps:

- HERE Maps SDK/API / MapKit

Prototype

MegaFon #1 LTE
11:26
98 %


MegaFon #1
10:29
84 %
Latvijas Mākslas akadēmija
Esplanāde
Okupācijas Muzejs
Bastejkalns
Splendid Palace
Pik
Ģilde
Vērmanes dārzs
Vladlena
Operas Skvērs
Merķeļa iela
Nacionālā opera
Stacijas ēkums
Traveller Tours
13.janvāra iela
Prāgas iela
Krišjāņa Barona iela, Рига, LV-1050, Латвия
From
To
Transit
Reset
Transport
Tour
Settings


MegaFon #1
12:14
100 %
Balvu iela
No 3.depo
Vilks Post Production
Atpūtas centrs Lido
Krīdenera dambis
Lido Atpūtas centrs
Transport
Parking
Carsharing

Benefit

For provider Application:

- has a cellular network coverage

For users Application:

- can buy tickets,
- use audioguide for Riga

Thank you