



CarBnB – Pitch

Course: Building Web and Mobile Apps

By CodeBusters
(Group 2-A)

Agenda

- The Problem
- Our Solution
- Features
- Dealing with issue
- Technology we will use
- Group Members and Roles
- Sources

The Problem



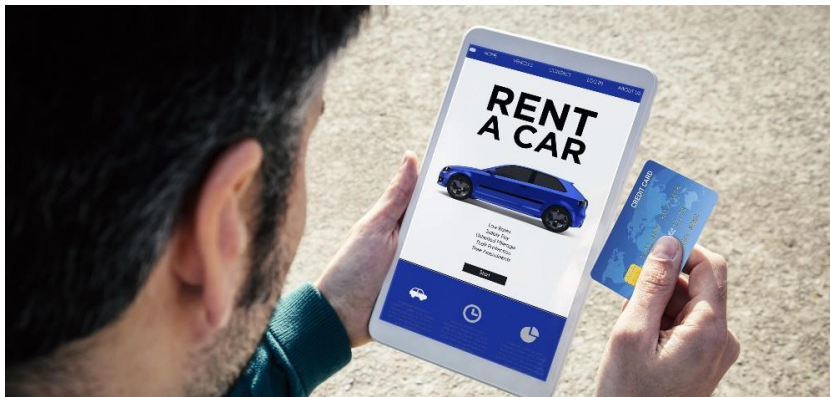
- Most cars owners leave their cars in the parking
- There is no convenient way to find people that will rent your car
- It's expensive to rent a car from a rental shop
- The normal method for rental car is not flexible enough
- You can't find out total price and compare deals with one click



Our Solution - CarBnB

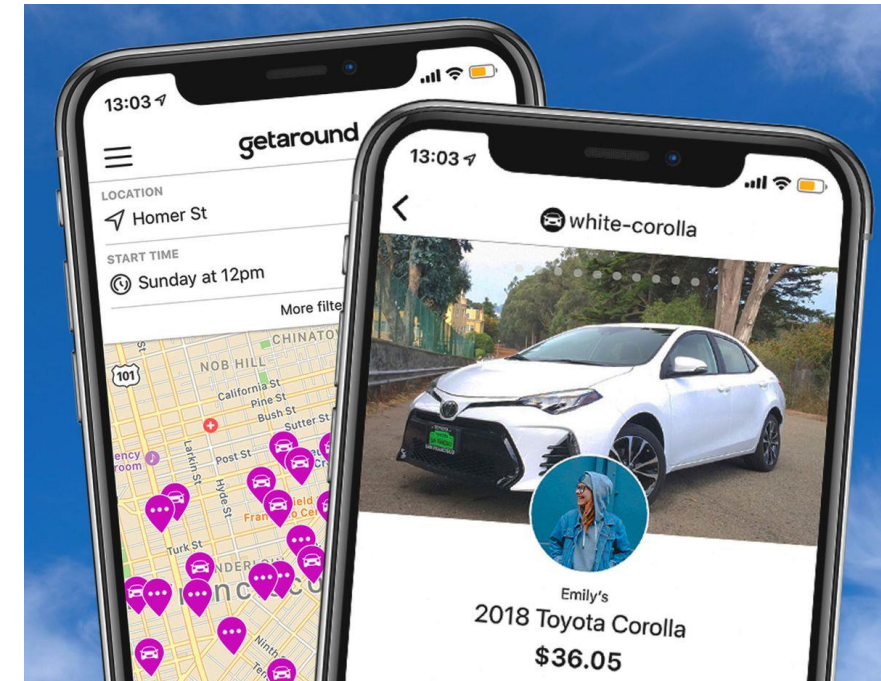


- Car rental mobile app
- Car owners can easily register their cars and select the availability
- User can easily open the app select a city to select car offers
- Easier and more profitable to the owner, cheaper for costumers and better for the environment



Features

- Easily register a car and specify availability hours
- Search filter to find the best car, price and type
- Ability to either select Delivery or pick up
- Integration with navigation systems to find the car easily



Dealing with issue



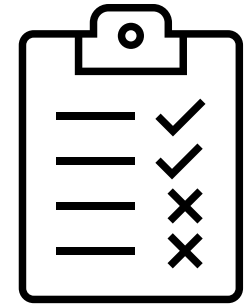
- Customer Id-Verification to deal with theft
- Agreement on the gas tank after rental is done
- Work on damage and accident policy for cars which may include deals with car insurance companies
- Provide optional hardware to monitor car max speed drive times





Must haves

- Register a new car which can be rented
- List of all cars which can be rented
- Filter the cars depending on different options (e.g. price, brand, period, area)
- Create a rental.
- Contact the owner of the car



Nice to haves

- Register a new profile (with driver license verification)

Technology Stack

- Frontend → Flutter
- Backend → Node.js
- Web App Framework → ExpressJS
- Database → MySQL
- Webserver → Node.js
- Operating System → Cross platforms for mobile OS



Team Members and Roles



Name	Role
Julian Günther	Backend / Git Master
Julia Nürnberg	Backend Developer
Joshua Rahimi	Frontend Developer
Ahmed Shahid	Frontend Lead
Obada Altinawi	Backend (Database Population)



Images (All retrieved on 04.11.2021):

- https://upload.wikimedia.org/wikipedia/commons/thumb/d/d9/Node.js_logo.svg/1200px-Node.js_logo.svg.png
- <https://logowik.com/content/uploads/images/flutter5786.jpg>
- <https://d1.awsstatic.com/asset-repository/products/amazon-rds/1024px-MySQL.ff87215b43fd7292af172e2a5d9b844217262571.png>
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