Problem Statement

The client rents cars to drivers who want to drive on Uber, Lyft or MyTaxi. They were previously using RentCentric to manage their entire fleet of 150+ cars. They were facing several issues with the existing system and were looking to develop their own proprietary technology platform that could not only help them manage their own fleet but also enable them to onboard new vendors with their own fleets

Possible Solution

We initially did a 6 week long workshop to understand the entire business model and the shortcomings that they were facing with Rent Centric. The goal was to build something more powerful & flexible than Rent Centric. The result of the workshop was a clickable prototype and a detailed functional specification document. We built a multi-tenant based architecture Super Admin Web App This is basically the core of the entire system and all the backend processing is done here. All the data of processes like Customer Onboarding, Vendor Onboarding, Vehicle Onboarding, Payment Processing, Third Party Integration etc is verified here. It also includes the data for vehicle management and rental management systems.

Product Key Features

01 — Super Admin Web App

02 — Customer Mobile App

03 — Lendor Web App

04 — 3rd Party Integrations

Customer **Mobile App**

1

This module of the entire system enables the customers to get onboarded with the Dryve services. This process includes uploading of certain documents like a valid Driving License, proof of Citizenship, a valid insurance, Tax documents etc which certifies them for Dryve services. It also enables the customers to make reservations, start their rentals, report damage and view their history.

Lendor **Web App**

2

This module lets different vendors get themselves onboarded with Dryve services which would enable them to put up cars available for rental basis. This process includes uploading of certain documents which is then validated by agents through the Super Admin portal. Vendors can also view their rental history, maintenance center and billing information. It also includes a vehicle onboarding module which lets vendors put up vehicles on Dryve to be used for rental services.

Third Party **Integrations**

3

The cars have GPS tracking hardware installed in them which lets customers unlock the vehicle and start their rentals. We enabled the communication between the mobile app and this hardware. This BLE integration also covers the communication with HUF servers. For billing and payments we integrated the system with Cardknox which is a smart and reliable solution for online payments.

DRYVE xeltec

Results

We are in the beta-phase of the product and currently have 20 cars and 25+ drivers in the system. The plan is to go full live by Q3 of 2019. It's an ongoing engagement where we will be working very closely with the client in identifying new features and implementing them.
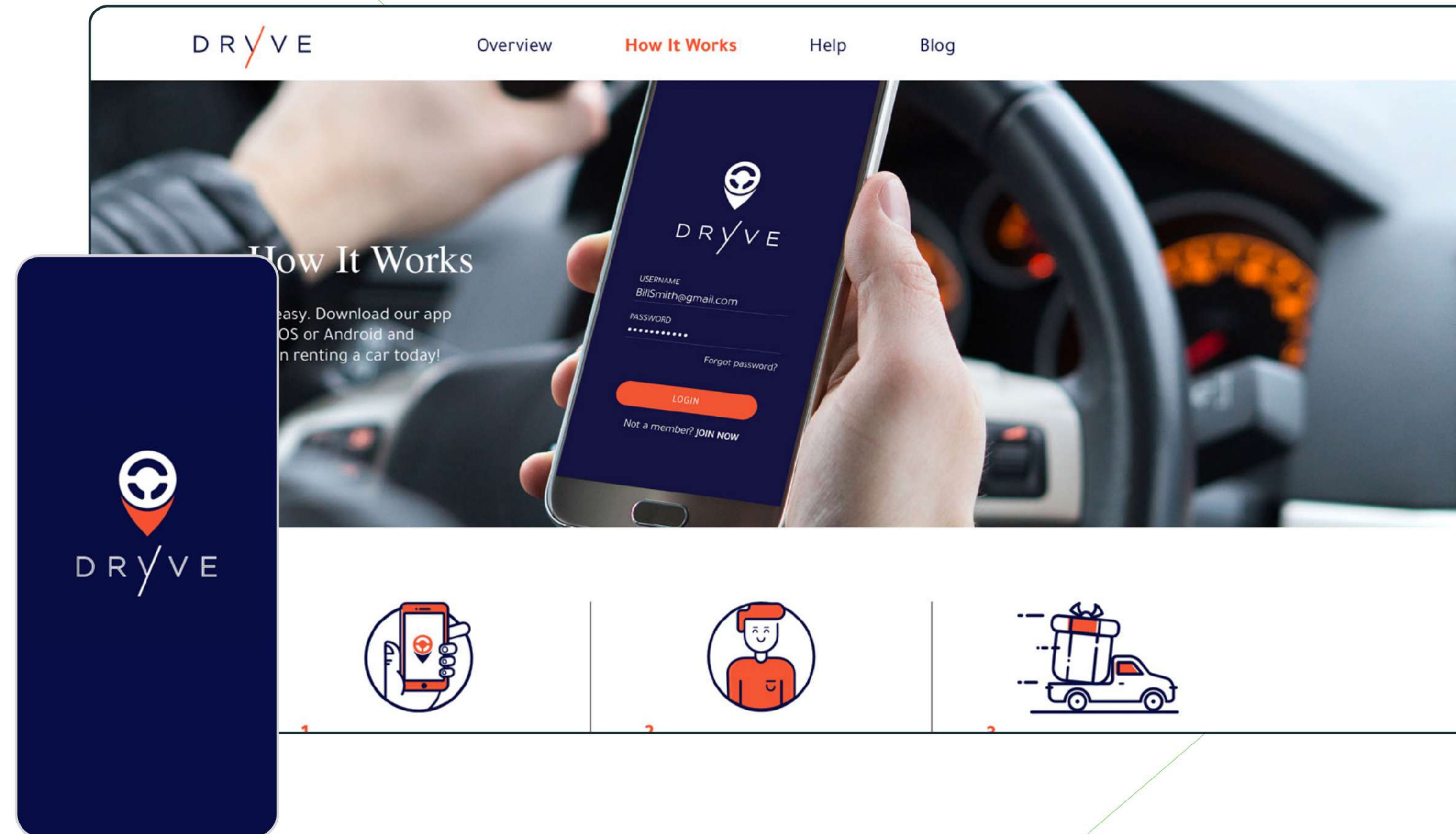
Future **Plans**

Right now they are the vendors putting up cars for rental, but moving forward they are also developing a platform where anybody who owns a car or two can become a vendor.

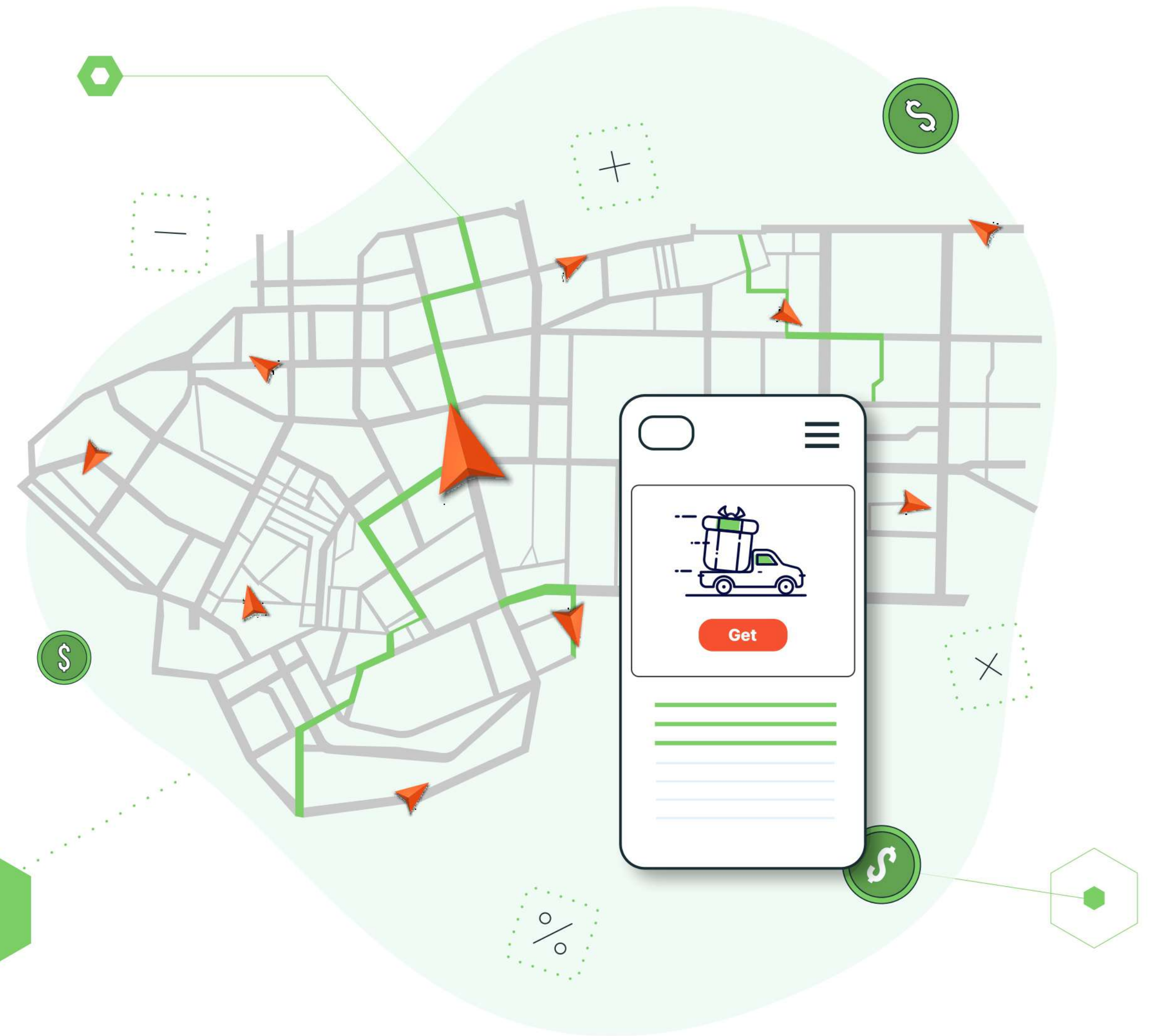## Tech **Stacks**

Web link: https://store.framesuite.com/

DRYVE

Case Study

Dryve is a online app service to rent cars that's rideshare ready. Use your phone to sign up, find a car, and start earning. Our Client owns a fleet of 150+ cars that they rent out to part-time drivers for Uber, Lyft and MyTaxi. Client wanted a system to be designed in a whole new perspective.

Industry | Car Rental

Thanks for your **Precious Time**