Banana Parking

MANY NEW PLACES IN COPENHAGEN

...

A Case Study

P Banana Parking
Book n' Park

Overview

The concept is super simple; Owners of a private parking space make it available on the days and times when they do not use the parking space themselves. Through a simple booking system, ticket holders can at any time find and reserve a parking space which is then available and ready when the ticket list arrives.

There is mobile app for the users and admin panel for the admin.

Aim Of The App

"MANY NEW PLACES IN COPENHAGEN"

Banana Parking is a new partial eco-project in the style of AirBnB, but within parking lots.
The concept is super simple; Owners of a private parking space make it available on the days and times when they do not use the parking space themselves. The motive is providing the parking service to the people and earn the money to providing this services.

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- Key Points

- Key Roles

- Key Functionalities

User

- User can sign up in the app with these details; First Name, Last Name, Email, Phone, Password and create the account user needs to verify the email using verification code.
- User can update their profile and add the address and card details in the app.
- User can find the parking on map and also they can filter and sort the search result.
- User can add the parking as well and add the details and facility regarding parking.
- User can add the card for the easy payment.
- User can see the received booking made booking as well.
- User can see the total earning & transactions in the app.
- User can change the app language and change password & notification settings

Admin

- Admin can login using registered email & password and access the dashboard.
- In the Dashboard Graph & Counters; Total Parking Space, Total Users, Total Bookings, Total Earnings
- Admin can manage the users.
- Admin can manage the below listed sections: CMS Pages, Review & Ratings, General Settings, Parking Space, Earning, Bookings, Transactions, Contact Inquiry & Zone Settings.

Technology and Tools
Front-end Development

Technology: Laravel - PHP Framework (V 5.5.48),

Google Place API for address selection, Google Route Draw API for Route Draw, Firebase for Notification Handle, Stripe Payment gateway in Server-Side

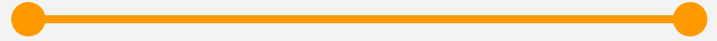**Database:** MySQL

UI/ UX Design: Sketch

Technology and Tools
Building Mobile App

Android: Java for Android using Android Studio

iOS: Swift for iOS using XCode

Challenges & Solutions

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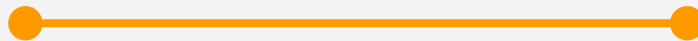
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Space Availability

- In this Project space availability is one of the challenging part, as look on top it's not a big problem but when we can see the criteria regarding park there are few question in our mind can our car is park on that space or care has been safe there etc.
- So this type of questions are there to develop this feature in the app for that we can have to create 4 step to adding parking space availability and get the all information regarding parking space using this way we can find the solution of this problem.
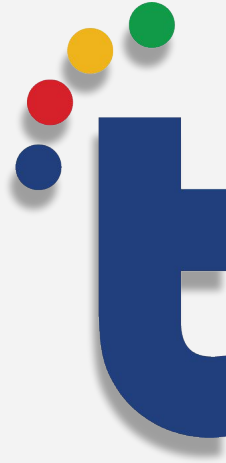
Payment Gateway Integration

- payment gateway integration is the small challenging part of this project.
- As we had done proper research and development for this payment gateway and implement this feature in the skeykim platform

Visit
Banana Parking

What We do?

Web & Mobile App Development Company | Technource

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With nearly a decade of experience of serving start-ups and enterprises, Technource is able to devise the right software solution. Endowed with the power of Agile, we ensure performance and customer delight. Having been successfully creating exemplary web and mobile applications, Technource team has honed the craft of creating Artificial Intelligence, Augmented Reality, IoT applications that has been steering clients to attain the next level in their business. Team Technource, with its perpetual learning culture created an ecosystem where innovation and execution is immutable reality.

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Thank You

Case study prepared by: Techno Source Web Pvt. Ltd.