NEWWAVE Solutions

Newwave Solutions

Showcase

Mobile App Development

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01

Pharmaceutical

This App Can Help You Make Better Medication Decisions

An app that provides users with information on pharmaceutical drugs.

Service

Mobile App Development

Domain

Pharmaceutical

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies

React Native, Cross Platform, Firebase

Type

Cross Platform

Keywords

Medication Apps

App Features

- Users can browse information like ingredients or side effects of more than 12.500 types of OTC drugs and 22.000 types of prescription drugs.
- Users can browse using drug names, barcodes or QR codes.

Business Challenges

- The app is originally designed to only let users search for information using medication names, which can sometimes be inconvenient. Therefore, our team suggested and successfully developed more search methods like scanning barcodes and QR codes to improve the search feature.

Technical Challenges

- Newwave Solutions team had to maintain and update new features while ensuring system stability.
- We wrote testing source code to ensure correctness throughout the maintenance process and successful new features updating.

Solutions

- Programming Language:

  Javascript | Typescript | Swift | Objective-C | Java | Kotlin

- Framework:

  React-native | Ignite

Newwave Solutions' Roles

- Development

The Result

- User can search over **12,500 OTC drugs** and over **22,000 prescriptions** on the app.
- **Hundreds of thousands** of people have installed and used the app on iOS and Android.

View More

02

Ecommerce

Save More with Advanced Apartment Search

An app that allows users to access rental information in Japan.

Service

Mobile App Development

Domain

Ecommerce

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies

MAP Java SWIFT

Type

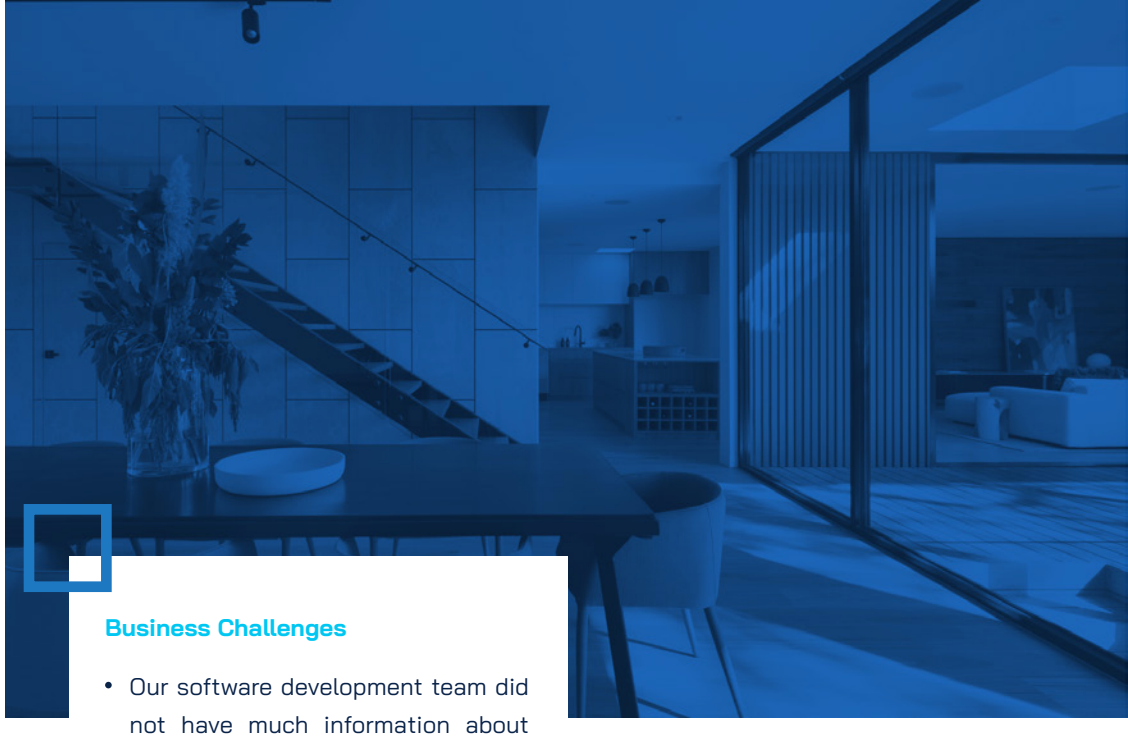
Native App

Keywords

Apartment Rental Apps

App Features

- Helps users save time with many search filters.
- Provides users with information about rentals.



Business Challenges

- Our software development team did not have much information about the house rental market in Japan, so it was nearly impossible for us to understand what our clients really wanted.
- We spent a lot of time learning about the rental market in Japan to understand what the local people need and were struggling with when trying to find houses for rent.

Technical Challenges

- We optimized the filter feature so users can search and locate a specific location easily and accurately based on categories such as stations, rentals, or factories.
- Since the database was massive we had to use a new method to collect and display all rental information.
- Our team conducted a survey to gather user opinions in Japan to understand what they truly want from a real estate app so we can ours.

Solutions

- Programming Language:

Java | Swift

Newwave Solutions' Roles

- Development

The Result

- The time a bot takes to augment the searching process has been **reduced to 57%** less than searching on the Internet.

View More

T-shirt Business App Adoption Leads To 57% Increase In Revenue

A platform where the whole supply chain happens, where anyone can create printable designs for items like T-shirts, bags, phone cases, printing and selling the items.

Service

Software Development

Domain

Ecommerce

Platform

Web & Mobile
(Android / iOS)

Technology Stacks & Dependencies

android SWIFT React JS

Type

Native App

Keywords

E-commerce Apps

App Features

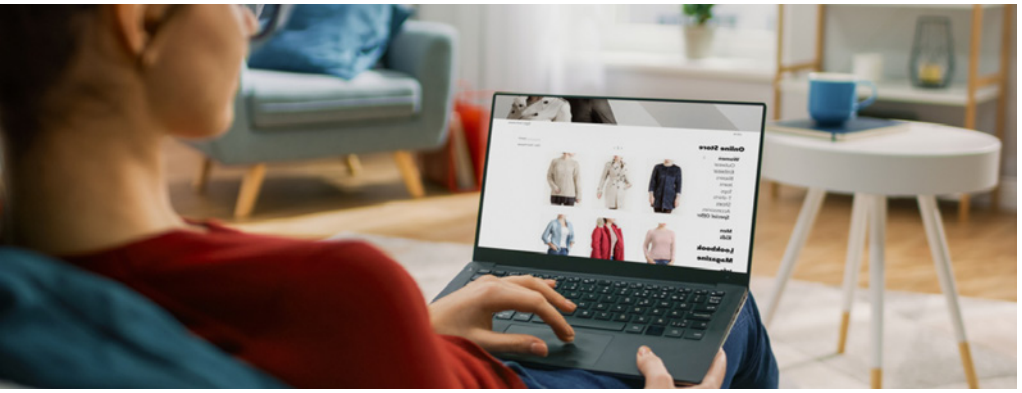
- Allows users to create and sell their own designs with the help of the system to print and ship out orders.
- Users can buy final products or T-shirts as materials from suppliers.
- Users can create their own shops to sell their products.

Business Challenges

- The business requires many complex steps, from creating a design to shipping the final product out to the customers.
- Our team had to learn about the market to understand all the steps involved in the process to be able to develop a platform that meets all stakeholders' expectations.

Technical Challenges

- We adopted AWS services (RDS, EC2, ELB, Route53, Cloudfront, etc.) to ensure the app's stable performance under high traffic and stressful loads.
- To keep all of the user data safe, our team needed to come up with a long-term plan to ensure the systems are constantly and securely monitored.
- We immediately supported our client to solve any problems that occurs after the app is released.



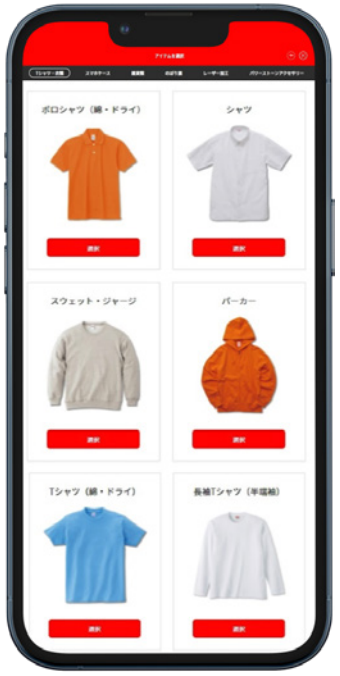
Solutions

- Framework:

ReactJS | CakePHP | Android | Java | Swift

- Programming Language:

Javascript | PHP | Java



Newwave Solutions' Roles

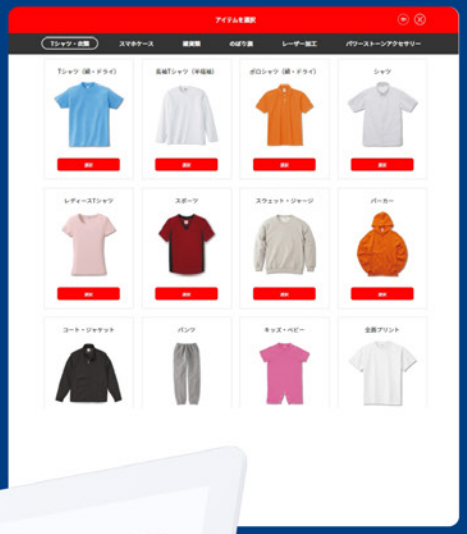
- Analyzing
- Management
- Development

The Result

- Newwave Solutions delivered significant performance improvements across all the Up-T sites under its management, with scores on Google Page Speed Insights ranging from **90- 95**.
- The page speed is **below 1.1 seconds**.
- Increase in around **35% organic traffic** in the Japanese market.

View More

簡単デザインツールで
Tシャツを作ってみる
あなたの商品、いま注文したらいつ発送？
本日3月31日ご購入で、「4月4日」に発送致します。
詳細はこちら
10枚以上まとめて買えばドンドン割引
まとめて割 5% MAX OFF
簡単デザインツールで
Tシャツを作ってみる
オリジナルアイテムカテゴリー覧


アイテムを選択

が他とは違う4つの理由
簡単デザインツールで
Tシャツを作ってみる
メディア掲載情報
北国新聞
@nifty
BIGLOBE
excite
SANSPO.COM
OMIURI ONLIN
INTERNATIONAL BUSINESS TIMES
朝日新聞 DIGITAL
財経新聞
MarkeZine
お知らせ

注目のアイテム
スマートフォン関連製品

スマートフォン関連製品
側表面印刷 iPhoneケース
側表面印刷 Androidケース
手帳型 スマホケース
表面のみ印刷 iPhoneケース
表面のみ印刷 Androidケース
モバイルバッテリー
スマホリング
カンタンデザインツールで3分でオリジナルTシャツ・オリジナルグッズが完成

をご利用のみなさまの声

The Most Helpful and Free App for Any Parking Space Search

A parking lot sharing service that makes effective use of vacant space.

Service

Mobile App Development

Industry

Ecommerce

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies

Flutter, MAP, stripe

Type

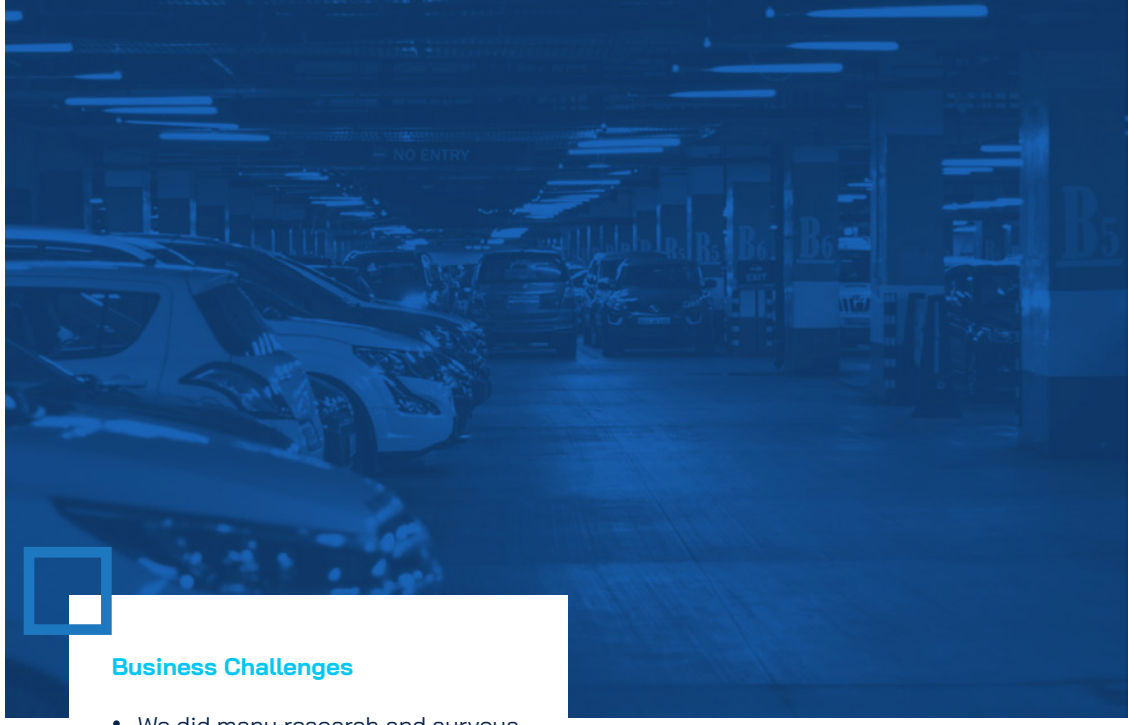
Cross Platform

Keywords

Parking App

App Features

- Owners who have vacant parking spaces anywhere can post on the app.
- Parking space renters can search for the desired parking lot in the app, make a reservaction and online payment.



Business Challenges

- We did many research and surveys to understand what drivers in Japan had to go through so we can create an app that has the right features to help them register and find parking lots easier.

Technical Challenges

- We enhance the app connectivity to make sure the real-time feature works all the time perfectly.

Solutions

- Programming Language:

Dart

- Framework: Flutter

Flutter

Newwave Solutions' Roles

- Analyzing
- Management
- Development

Results & Benefits

- This e-commerce site can accommodate ever-increasing sales as it expands across global markets.
- The platform has **70.000+ registered vehicles** until now.
- Reduce time spent on finding parking lots by **30%**.

View More

03

Social Network

Best Live Streaming Software App for Professional Streaming

A new generation livestream platform in Japan.

Service

Mobile App Development

Domain

Social Network

Platform

Web & Mobile
(Android / iOS)

Technology Stacks & Dependencies

Firebase, node, SWIFT, nest, REALM

Type

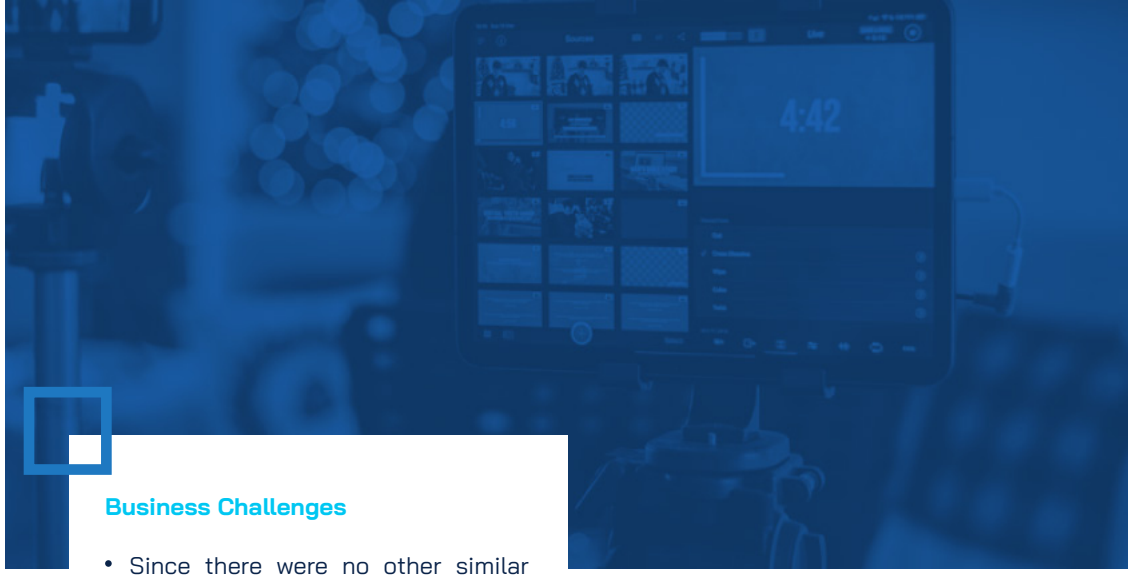
Native App

Keywords

Livestream Apps

App Features

- Users can interact and communicate with streamers through voice chat and comment functions.
- Streamers can make money legally through the reward system.
- The app provides streamers with unique filters and stickers.

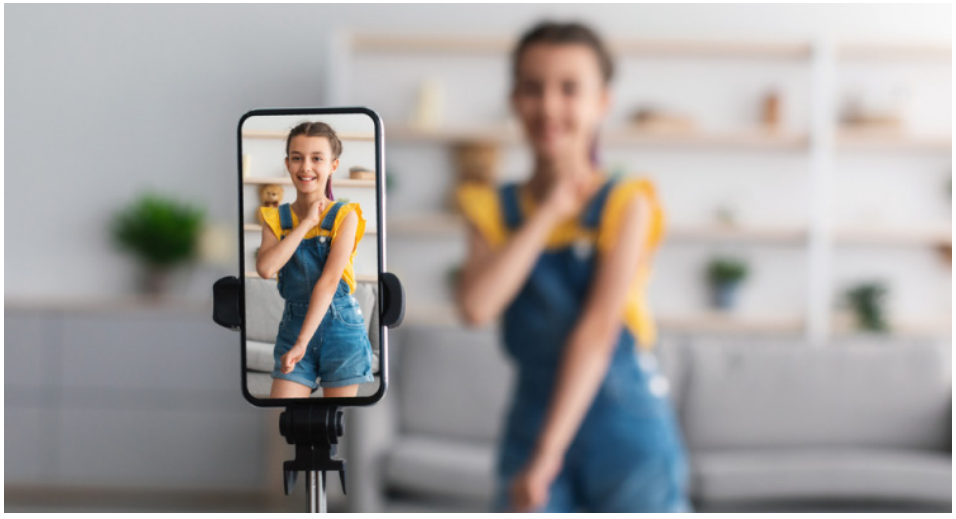


Business Challenges

- Since there were no other similar systems to learn from, it took much work for our designers regarding UI/UX and gameplay design.
- Our design team had to connect with famous streamers in Japan to ask for their opinions.

Technical Challenges

- Our development team had to develop a unique library to optimize the system performance so the stickers and filters feature doesn't take up a lot of system resources and cause overheating for the device.



Solutions

- Programming Language:

Swift | Kotlin | Python

- Framework:

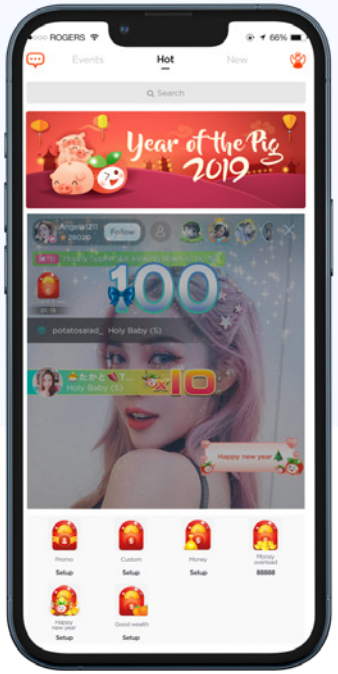
NestJs | ReactiveX | Realm.io | Android Studio Profiler | Xcode Instrument

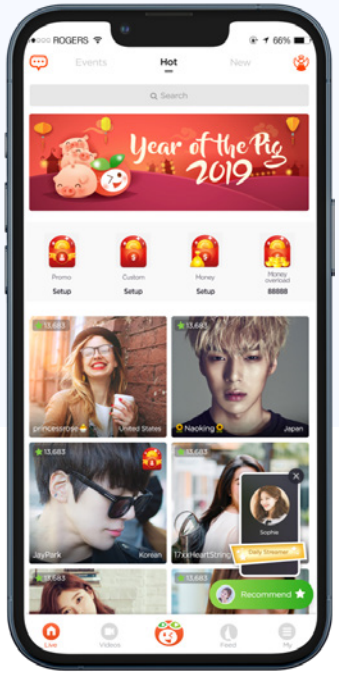
Newwave Solutions' Roles

- Analyzing
- Management
- Development

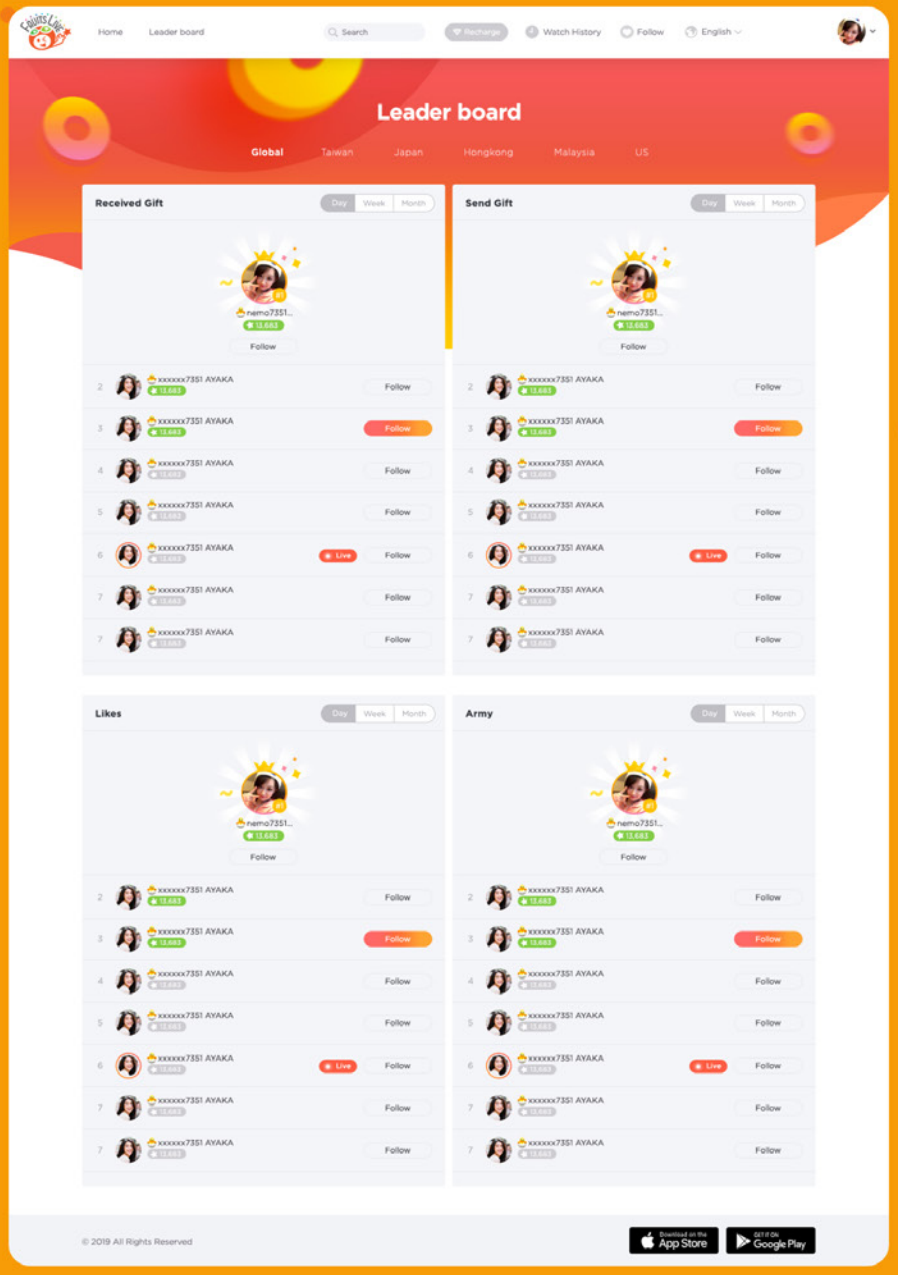
The Result

- Interaction functions not only increase user engagement and the number of new users but also boosts the app's retention rate.
- More than **4.000 registered users** already have had **over 1.000 interactions** and around 1.5000 meetings.





View More


Home
Leader board
Search
Recharge
Watch History
Follow
English
Leader board
Global
Taiwan
Japan
Hongkong
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US
Received Gift
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Army
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Month
Follow
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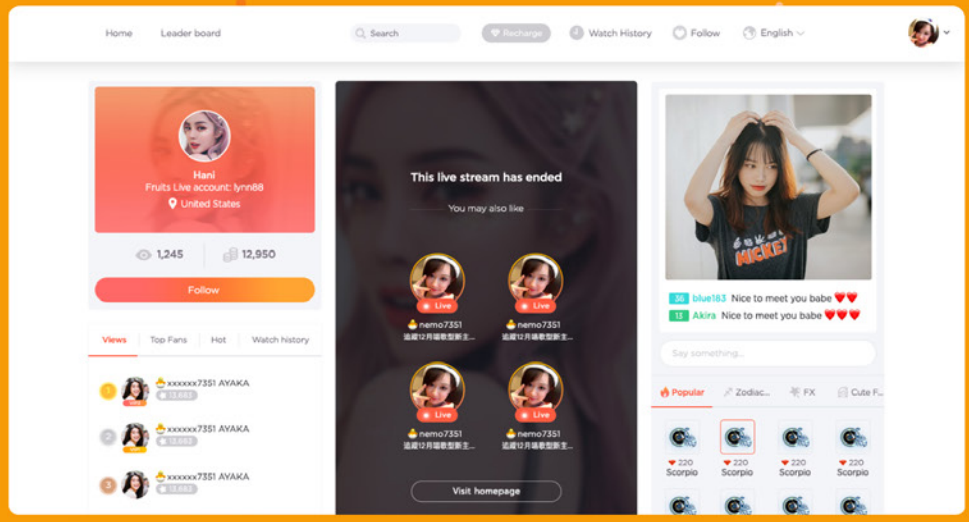
Google Play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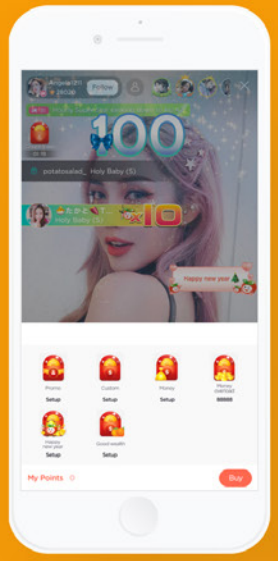
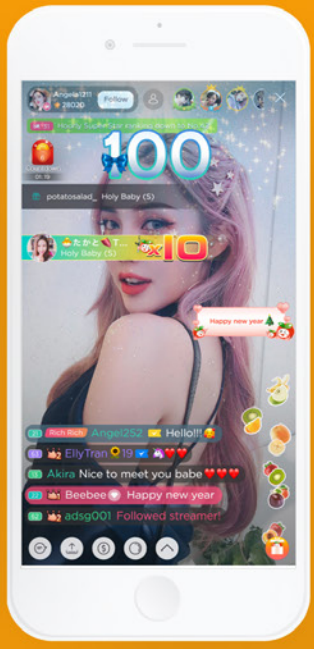
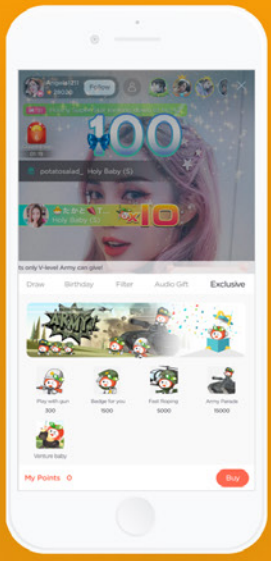
Hot
Watch history
This live stream has ended
You may also like
Visit homepage
Popular
Zodiac...
FX
Cute F...
Scorpio


100
x10
Happy new year
My Points
Buy


100
x10
Happy new year
Hello!!!
Akira Nice to meet you babe
Beebee Happy new year
adsg001 Followed streamer!


100
x10
My Points
Buy

Ultimate Playground for Basketball Fans to Hang Out

Created a system that's strong enough to manage a large amount of data in a short period of time (at least 2000 daily active users over a total of 10000).

Optimize the app Data Synchronization to handle massive connections to create the most user-friendly experience.

Service

Mobile App Development

Domain

Social Network

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies

React JS

Type

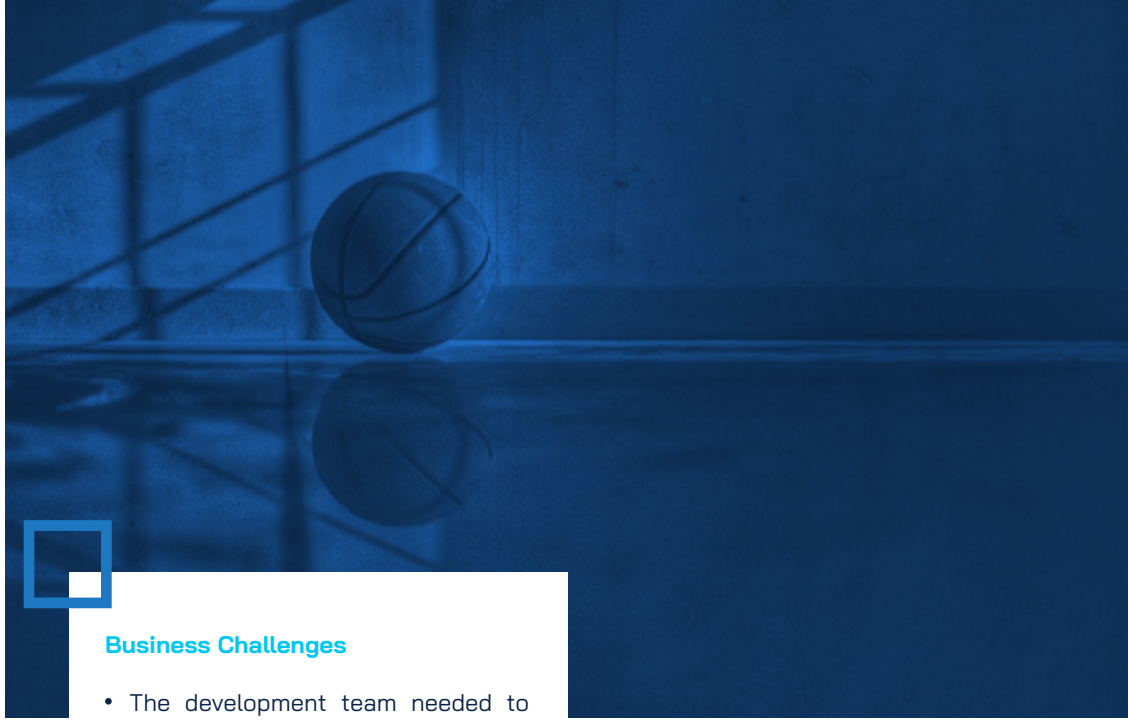
Cross Platform

Keywords

Basketball Fan App

App Features

- Provides their users with many features exceptionally suitable for basketball teams' activities.
- Helps teams connect with each other easily as a social networking platform.



Business Challenges

- The development team needed to provide the infrastructure that can respond fast enough to meet the increasing connectivity among users.
- The project requires various research and multiple methods had been tested to find the best solution.

Technical Challenges

- Created a system that's strong enough to manage a large amount of data in a short period of time (at least 2000 daily active users over a total of 10000).
- Optimize the app Data Synchronization to handle massive connections to create the most user-friendly experience.

Solutions

- Programming Language:

Javascript | Typescript | Swift | Objective-C | Kotlin | Java

- Framework:

NestJS | React-native | GraphQL | Ignite

Newwave Solutions' Roles

- Analyzing
- Management
- Development

Results & Benefits

- The initial version was released to production within **8 months** from the project's start.
- The existing user base was migrated to the new platform stage by stage in a few months **without any glitches**.

View More

04

Transportation

Your Go-to Destination for Trailer Rental

A platform to connect trailer renters and owners.

Service

Mobile App Development

Domain

Transportation

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies

android, Google Cloud, KOTLIN, Java

Type

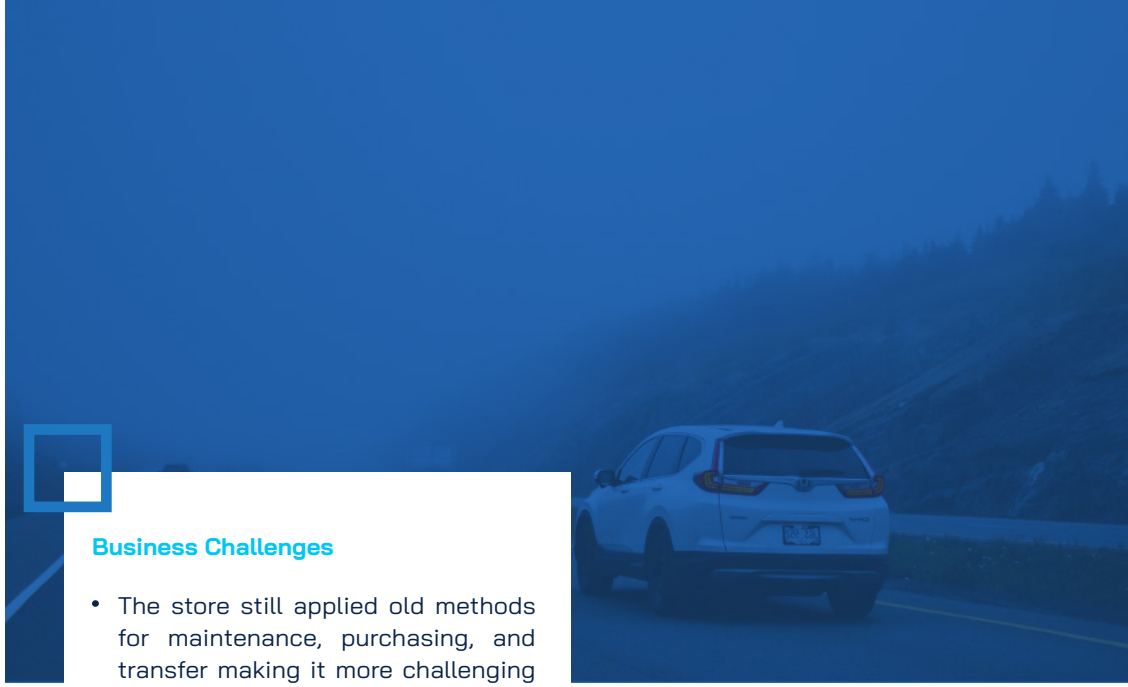
Native App

Keywords

Trailer Rental Apps

App Features

- Enables person-to-person trailer rental by putting unutilized trailers to good use.
- Renters can easily search for trailers near them, complete booking process and sign rental agreements completely on phone.
- Trailer owners can upload trailer's information via phone and sign rental agreements completely on phone.



Business Challenges

- The store still applied old methods for maintenance, purchasing, and transfer making it more challenging to develop and utilize all of these features in a modern app.
- Since the majority of users are elders, designing an interface that is clear and easy to use yet still has to display a lot of information was a big challenge to our developers and the designers.

Technical Challenges

- This is a serverless app so everything is located in the mobile source code, therefore, our team needs to figure out a software architectural model that is suitable for the app while also being easy to maintain and test.
- All data must be organized and stored in one place for easy management and access while also maintaining great performance and a reasonable mainance cost.

Solutions

- Programming Language:

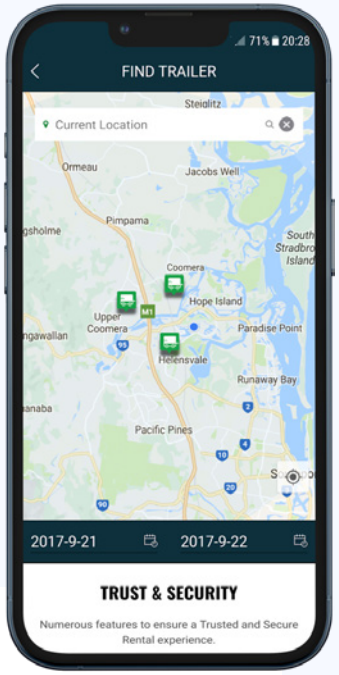
Java | Kotlinz

Newwave Solutions' Roles

- Development

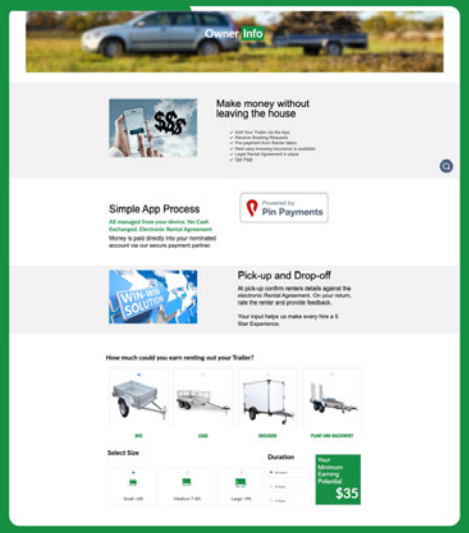
The Result

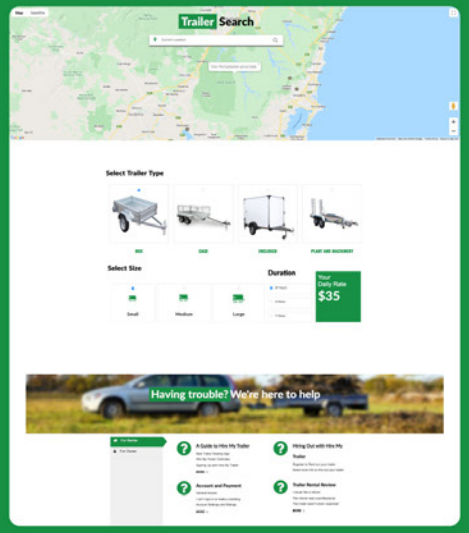
- There were **23,300 app downloads** in 2020 during the first week. This number increased **up to 70,000** after 2 years of release.



View More

Make money without leaving the house
Simple App Process
Powered by Pin Payments
Pick-up and Drop-off
How much could you earn renting out your Trailer?
Select Size
Duration
$35
Register Now
VISIT YOUR APP STORE NOW AND DOWNLOAD THE HIRE MY TRAILER APP.

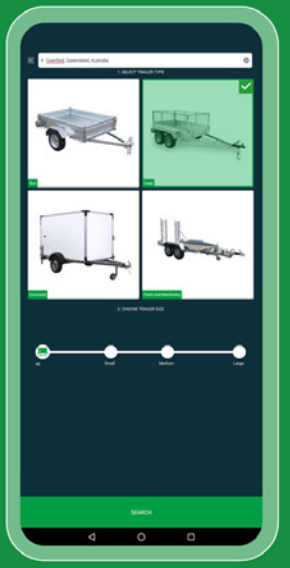

Owner Info
Make money without leaving the house
Simple App Process
Powered by Pin Payments
Pick-up and Drop-off
How much could you earn renting out your Trailer?
Select Size
Duration
$35


Trailer Search
Select Trailer Type
Select Size
Duration
$35
Having trouble? We're here to help

Make money without leaving the house
Simple App Process
Powered by Pin Payments
Pick-up and Drop-off
How much could you earn renting out your Trailer?
Select Size
Duration
$35
Register Now
VISIT YOUR APP STORE NOW AND DOWNLOAD THE HIRE MY TRAILER APP.

Rent Trailers From Your Neighbours
For A Fraction Of The Price. Register Now Via The App Store
A TRAILER FOR EVERY OCCASION

WHY CHOOSE US
TRUST & SECURITY
INSURANCE
HASSLE FREE RENTALS
facebook
twitter
Instagram



NEWWAVE Solutions

2021 marks the 10th birthday of Newwave Solutions as the region's preferred provider in IT outsourcing. Our heartfelt THANK YOU to all of you – our customers, colleagues, and believers - throughout the last decade. Let's follow us and celebrate everything we have accomplished together in 2031.

CEO

Mr. To Quang Duy

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