

Mobile App Development Service

Ready to Revolutionize Your Business?





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- Engagement Models
- Why Newwave Solutions?
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Our Mobile App Development Service

OUR MOBILE APP DEVELOPMENT SERVICE

Demands for mobile apps are increasing as all businesses wish to connect more conveniently with customers, build a stronger reputation, and craft more unique customer journeys.

As a result, mobile app development services are accelerating and leveraging the most advanced technology. It is high time to revolutionize your business to expand your target customers and increase profitability.

Newwave Solutions' team of mobile app developers is capable of creating amazing apps for multiple platforms like iOS, Android, and cross-platform solutions in Flutter, React Native, Ionic, etc. We have expertise in developing mobile app development solutions to meet your business requirements.

KEY SERVICES

- Native App Development
- Cross-platform App Development
- Progressive Web App Development
- Mobile App UI/UX Design
- Enterprise Mobility Solutions
- Wearable App Development
- IoT App Development
- Mobile App Maintenance and Support



KEY BENEFITS

Customer Satisfaction

- We work on the latest frameworks and technologies to deliver you user-friendly, scalable, secure, and new business solutions as per your need.

Agile Procedure

- We work on the Agile methodology and conduct frequent scrum events for optimizing the practices and methods and delivering the finest results.

Dedicated Teams

- We have a dedicated team of web app developers who are well versed in delivering high-end business solutions on several frameworks and technologies.

Integrity & Transparency

- We respect your ideas and vision, provide you with every small project detail regularly, and consider your worthy advice when and as needed.

Flexible Engagement Models

- Instead of working on unwanted rigid and strict parameters, we offer flexibility to our clients to select from different engagement and hiring models.

Competitive Pricing

- We offer an ideal combination of cost-effective rates with amazing quality to make sure the lowest pricing in our segment.

Mobile App Development

Tools & Technologies



Visit our website for
more information

Working Process



Step 1

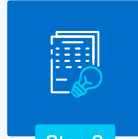
Discover

Initial Consulting

- Complete questionnaire
- Meet consultant and discuss

Outcomes

- Quotations



Step 2

Consulting

Strategy & Analysis

- Discover and define vision
- Blueprint for the project

- Project Specification
- Information Architecture & Strategy
- Keyword report
- Audit
- Implementation plan



Step 3

Implementation

Design

- UI/UX Design
- UI/UX Implementation

Outcomes

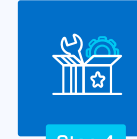
- Wireframes
- Visual concept

Develop

- Front-end
- Content
- Back-end

Outcomes

- Service development
- Feature development
- Test case



Step 4

Maintenance

Testing & Deploy

- Deployment & Management
- Test Automation

Outcomes

- Test case execution
- Service Launching



Step 5

Optimization

Managed Service

- 24/7 support
- Incident management
- Performance management

Outcomes

- End-to-end managed service

Engagement Models

	Fixed Price	T & M	Extended Team
■ Requirements	Defined	Evolving	Evolving
■ Flexibility	Fixed	Moderately Flexible	Highly Flexible
■ Client's control	Low	Medium	High
■ Average hourly rate	15-25 USD	15-30 USD	25-60 USD

How we work

We utilize the best honest and improvement techniques for building compelling endeavor program improvement handles and arrangements in an organized and efficient way.



WHICH SHOULD YOU CHOOSE?

Fixed Price

- The best model to get the complete solution under a fixed budget.
- Projects that have well-defined goals, vision, workflows, and results which are unlikely to change for the course of development.
- If you want to test out a new software provider before you hire them as your permanent dedicated developer.

T & M

- You only pay for the time and resources spent on the project.
- Long-term projects with continually evolving and unclear requirements.
- When you want enough flexibility to modify your requirements and to vary workload.

Extended Team

- This model allows you to add more workforce to set up an offsite team as strong as your in-house team.
- For long-term IT projects with original goals and rapidly changing scopes.
- Daily standup meetings
- When you want to access cross-border expertise and knowledge sharing.

T&M



FIXED PRICE



Why Newwave Solutions?

Being a well-known software development company, **Newwave Solutions** is recognized for serving modern business needs and delivering the best-in-class solutions at a competitive cost across the globe.



Next Steps

If you want to get more information about our Software Development services and learn how we can help your business please get in touch via our website: www.newwave.vn/contact/

Case Studies



01. Best Live Streaming Software App For Professional Streaming

A new generation livestream platform in Japan

Service

Software Development

Industry

Social Network

Platform

Web & Mobile
(Android / iOS)

Technology Stacks & Dependencies



node



KOTLIN



ReactiveX



Type

Native App

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

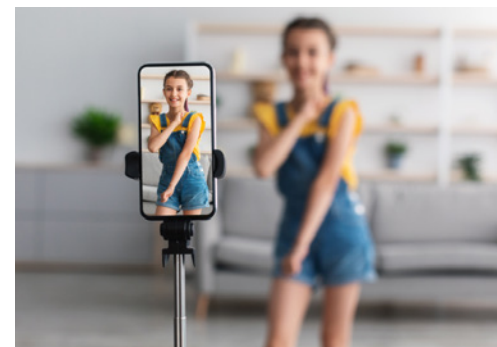
- Our clients decided to enter the business and compete directly with competitors that already had a firm position in the market with great financial and technological strength.

→ Our initial approach was to analyze core technologies used in the system, develop PoC products, continuously measure and evaluate performance to scale in both size and functionality to keep up with leading competitors in the market.

Technical Challenges

- Face recognition function built with machine learning models and in-app functions like live stickers, face and skin filters are challenging to mobile apps, which usually do not have a lot of system resources.

→ After considering several solutions available in the market, we decided to use livestream technology developed by Wowza, which helps with low latency in live streaming. Moreover, good load balancer helps distribute the load for large and complex distributed server system, making it easy to serve thousands of viewers at once. In addition, our team uses microservices in system infrastructure to increase flexibility and scalability in the process of continuously updating new features.



Solutions

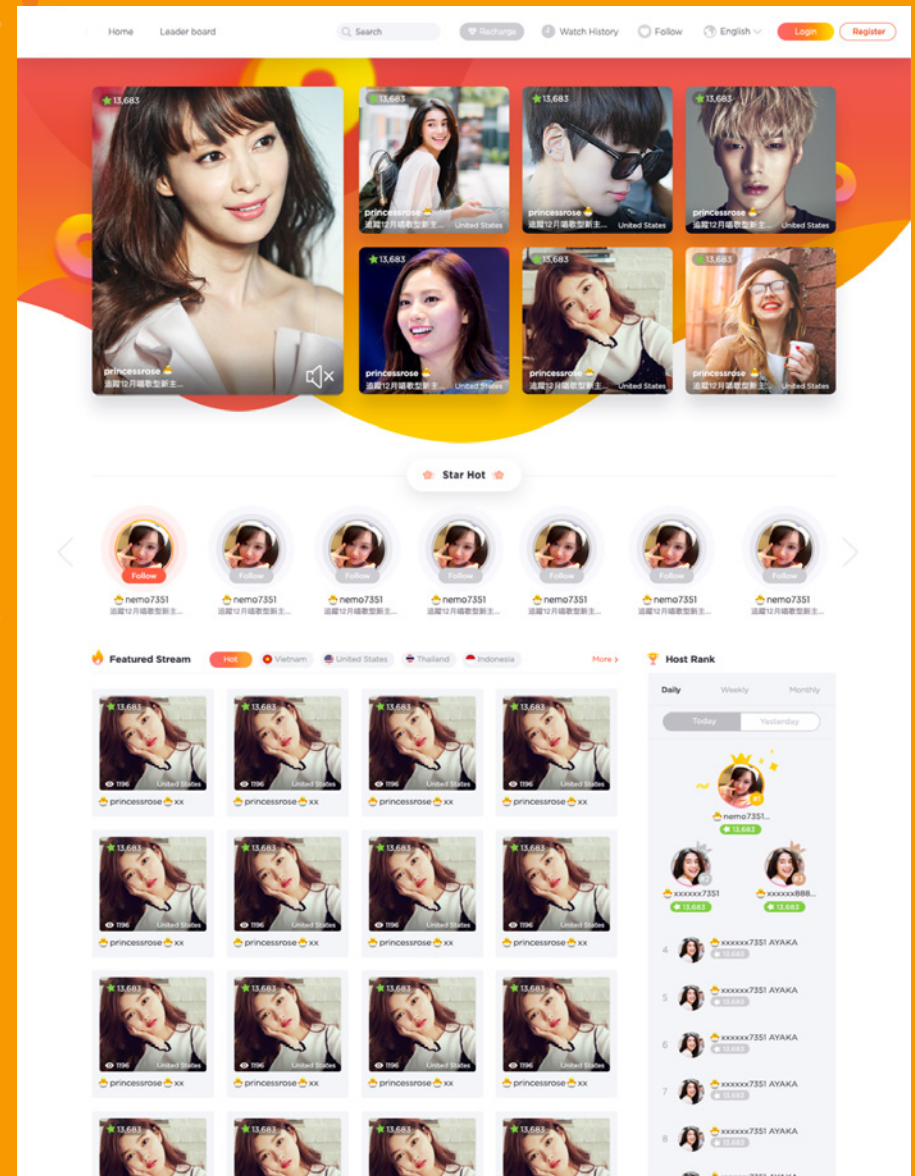
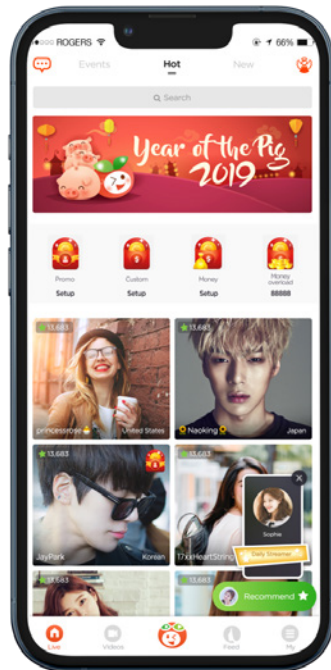
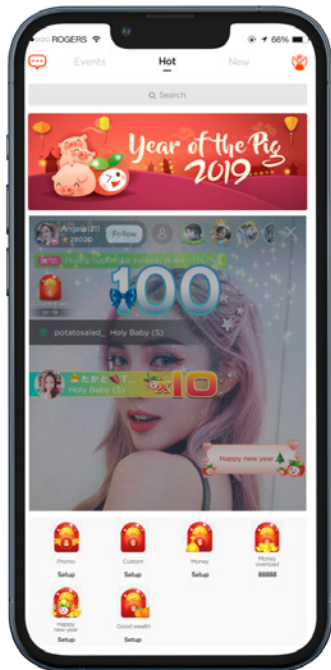
- Technology: Mobile / Android / iOS / Firebase / Node JS
- Programming Language: Swift / Kotlin / Python
- Framework: NestJs / ReactiveX / Realm.io / Android Studio Profiler / Xcode Instrument
- Management Tool: Jira
- Management Methodology: Agile

Newwave Solutions' Roles

- Analyzing
- Management
- Development

Results & Benefits

- Interaction functions not only increases user engagement and the number of new users but also boosts the app's retention rate.



“

Client quote

Newwave Solutions is an accommodating and attentive partner. Flexible and reliable, the team is quick to adapt to the client's working style and is able to scale as needed. They go above and beyond to deliver on their promises and provide valuable recommendations.

02. Saving Hundreds Of Dollars A Year With Advanced Apartment Search

An app that allows users to access rental information in Japan

Service

Mobile App Development

Industry

Ecommerce

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies



Type

Native App

App Features

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

Business Challenges

- Newwave Solutions 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 aspects people in Japan were struggling with when trying to find property for rent. We succeeded in developing a platform with advanced search filters to help people find homes more easily.



Technical Challenges

- Our team had to figure out a method to optimize the ability to accurately search by map, station or place in Japan.

→ We tried many different ways and finally came up with a solution that can help users find rentals based on filter options.

- It was challenging to display rental information fully and clearly with a great amount of data.

→ Our design team conducted a survey to gather opinions and experiences of people in Japan to understand what they truly want in an app.



Solutions

- Technology: iOS / Android / Google maps
- Programming Language: Java / Swift
- Management Tool: Jira
- Management Methodology: Agile & Scrum

Newwave Solutions' Roles

- Development

Results & Benefits

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



“

Client quote

To date, Newwave Solutions has continued to be consistent in their timeliness, and they address any issues along the way. The team allows the internal staff to focus on their vision while Newwave Solutions brings the concepts to life. Clear communication and quick responses also stand out.

03. 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



Type

Cross Platform

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 reservation and online payment.

Business Challenges

- Our client was hoping to release the product in a short time to put it into use before Olympic Tokyo 2020.



Newwave Solutions and our client agree to develop a MVP with initial basic features to shorten development time. After only 3 months, which is much shorter than our client's expected delivery time, we released the product and received many positive feedbacks from users, which proved the success of solving problems related to parking space finding and parking spot rental.

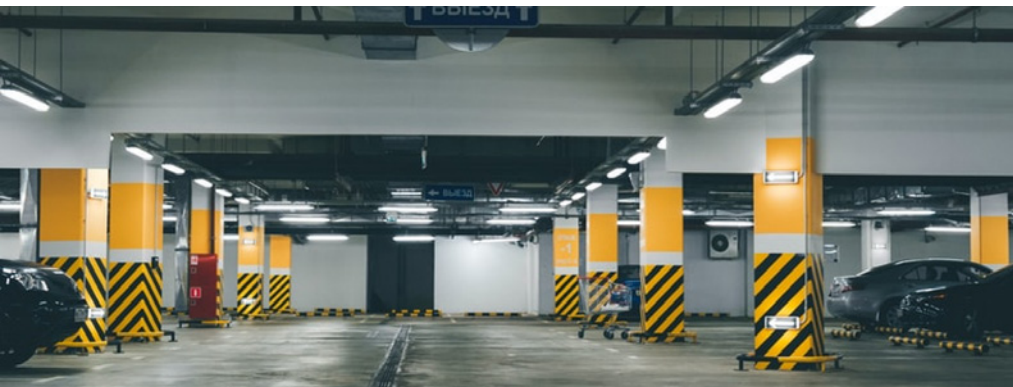
Technical Challenges

- Integrating payment gateways into the platform in Japan and supporting real-time location updates are big challenges that we had to face.



With timely support from our partners, we quickly mastered the technology and securely integrated these functions into the app.



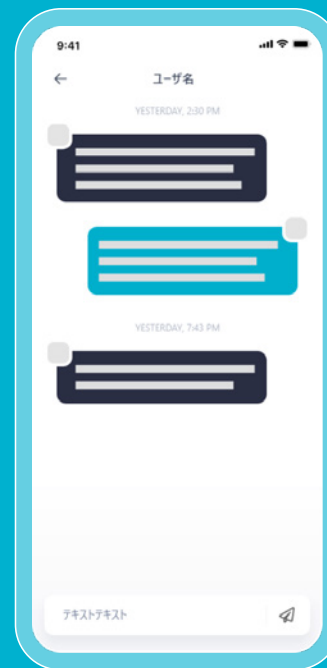


Solutions

- Technology: Google Maps / FCM / Stripe
- Programming Language: Dart
- Framework: Flutter
- Management Tool: Jira
- Management Methodology: Agile

Newwave Solutions' Roles

- Analyzing
- Management
- Development



“

Client quote

The team has impressed their partner with high-quality code and their ability to keep on pace throughout all sprints. Contributing solid code to support iOS and Android platforms, they kept all parties up to date on progress through a comprehensive communication cadence.

04. Major Upgrade Of A Co-Working Space Management Platform

This is the digitization platform for managing co-working spaces and facilities

Service

Mobile App Development

Industry

Business

Platform

Web & Mobile (Android / iOS)

Technology Stacks & Dependencies



Type

Cross Platform



App Features

- Includes an iPad App for guests' check-in and check-out, a mobile app for guests and a CMS platform for management.
- Guests can book and manage bookings of the team they supervise or belong to.
- Managers of the co-working spaces can easily manage bookings and facilities
- Co-working space owners can access clear reports of cash flow and the number of bookings.



Business Challenges

- The development team must figure out how to meet the diverse needs of decentralized management structures of different stakeholders using the app.

→ We spent time researching and learning more about what people usually expect from this type of business system.

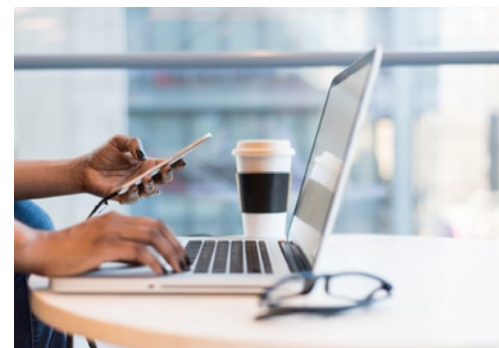
Technical Challenges

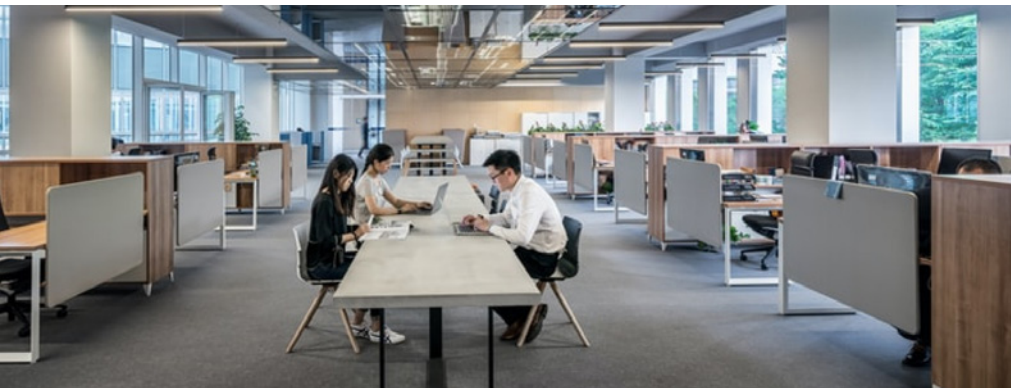
- The system and the infrastructure must be up and running 24/7.

→ We used Microsoft services to help the system operate stably 24/7.

- When dealing with a large amount of interaction from users, the system must ensure uniformity and good data processing performance to provide a good user experience. The system includes a lot of historic data and statistical graphs, posing a problem for the development team to find a way to prevent the system from bad performance.

→ The development team must design the system with diagrams to ensure data and source code are developed in the most versatile way. We also applied pre-calculating, caching, distributed data computing and sub-table methods to handle big data.





Solutions

- Technology: Microsoft Azure (Hosting, Blob Storage, Service Bus) / Quartz Scheduler / Hazelcast
- Programming Language: Java / Dart / TypeScript / Swift
- Framework: Spring Boot / VueJS / Flutter

Newwave Solutions' Roles

- Development



働き方、新基準。

社員一人ひとりに、
さらなる自由と働きやすさを。
多様な働き方を可能にする
法人向けプラットフォーム。



2022/03/25 お知らせ 【重要】WORKUSプライバシーポリシー改定のお知らせ > お知らせ一覧 >
2022/03/16 お知らせ 新たに1拠点が増加となりました >
2022/03/02 お知らせ 新たに2拠点が追加となりました >



日本の働き方に 自由という選択を。

仕事もプライベートも両立したい。もっと自分らしく、人生を楽しむように働きたい。そのような、誰もが理想とする働き方をイメージして、Workus（ワークス）は生まれました。社員一人ひとりが自由に働くことで、組織が活力を高めていく。そのシナジーが、会社自体をより良く進化させていく。目指すのは、年齢や立場や性別にかかわらず、より自由にフレキシブルに、働き方そのものを選べる新たな社会です。
働き方に新たな基準を。

Value 01.

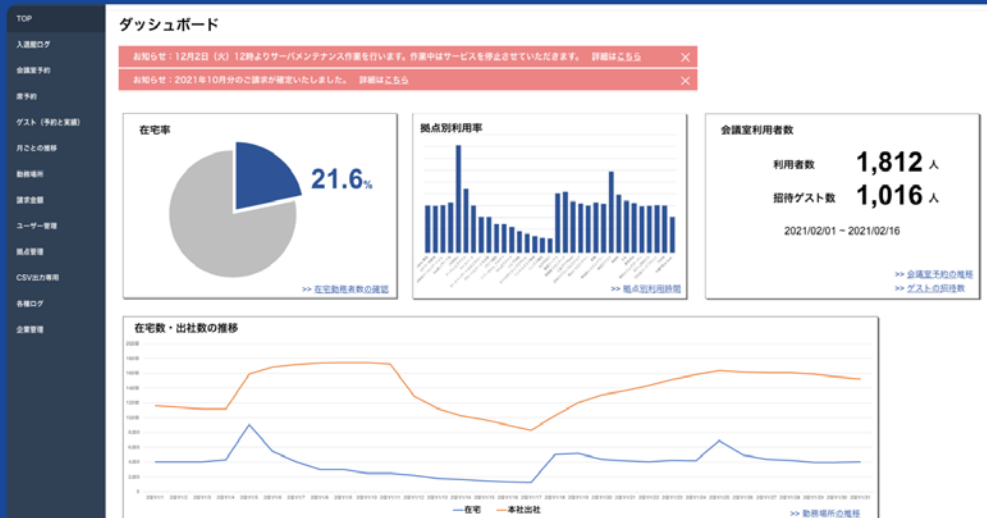
スマホひとつで、
自分のライフスタイルに



“

Client quote

Since Newwave Solutions came into the picture, the client has been able to scale and reiterate their products. The team administers an extremely effective workflow. Their dedication and eagerness to help their partner are highly appreciated. Overall, the progress is satisfactory so far .



施設別ご請求金額

現在のプラン：〇〇プラン → 最適なプラン：▲▲プラン

過去1年間のご請求金額は、プランを最適化した場合、想定で **4,233,200円** 削減できました。

CSVダウンロード

最適なプランに申し込む

POCの空き情報の確認

今月	2021年5月	2021年4月	2021年3月
施設	単価	利用時間	合計金額
席	750円/30分	1,216時間	1,824,000円
会議室 8名以下	500円/30分	240時間	240,000円
会議室 9名以上	1,000円/30分	264.5時間	529,000円
会議室 セミナー	1,500円/30分	0時間	0円
ゲスト	750円/30分	316.5時間	474,750円
ご請求金額			3,067,750円



05. An Easy-To-Use Real Estate App that Helps Agents Perform Live Virtual Showings For Remote Homebuyers

An app that allows real estate businesses to manage from A to Z

Service

Software Development

Industry

Business

Platform

Web & Mobile (Android / iOS)

Technology Stacks & Dependencies



Type

Cross Platform



App Features

Real estate businesses are able to:

- Manage projects and investors.
- Manage all product ranges (shophouses, apartments, villas, etc.).
- Manage customers and staff with online calling and chatting.
- Manage contracts, invoices and assets.
- Manage social media groups.
- Manage customers' requests.

Business Challenges

- Multi-layered business model is an extremely complex one, involving many stakeholders.

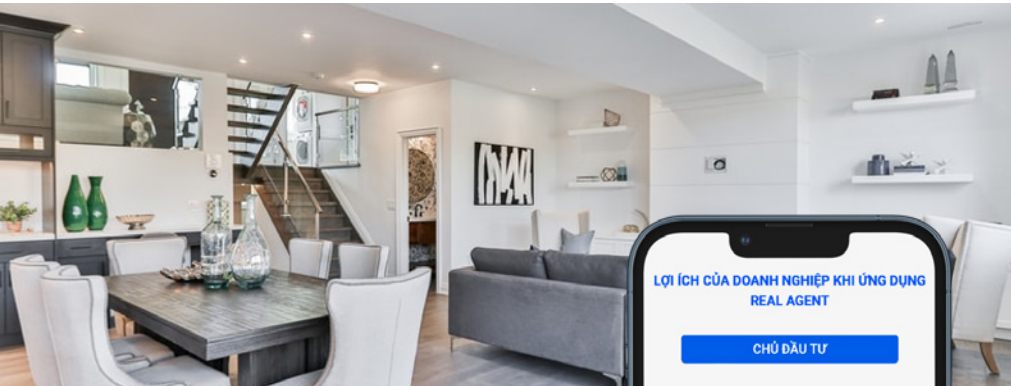
→ Newwave Solutions had to do some research into the market to clearly understand the multi-layered business model.

Technical Challenges

It was not easy to create a real-time transaction system that is always available and performs at superfast speed.

→ We used AWS services to help the system operate stably 24/7.





Solutions

- Technology: AWS / Mobile Cross-platform / Microservice / RabbitMQ
- Programming Language: Javascript / TypeScript / Dart / Swift / Kotlin
- Framework: Angular / Flutter / VueJS / NestJS
- Management Tool: Jira
- Management Methodology: Agile

Newwave Solutions' Roles

- Development

LỢI ÍCH CỦA DOANH NGHIỆP KHI ỨNG DỤNG REAL AGENT

CHỦ ĐẦU TƯ



Quản lý đội ngũ bán hàng, các đại lý phân phối



Đưa thông tin sản phẩm đến từng sản, từng nhân viên một cách chính xác, minh bạch.



Results & Benefits

- The platform was successfully transformed to be optimized for mobile, with an improved user experience, and greater security for all users in 2019.
- Newwave Solutions continues to work with the client, continually improving these capabilities while adding new features and implementations to enhance the learning experience on the OpenLearn platform.

GIẢI PHÁP CÔNG NGHỆ

ĐÁNH CHẤM DOANH NGHIỆP

PHÂN PHỐI BẤT ĐỘNG SẢN

THÀNH LÃ DOANH NGHIỆP?

THỬ NGHIỆM DÙNG THỬ

Số hoá quy trình bán hàng

Tích hợp toàn bộ tài liệu, quy trình bán hàng từ khâu giới thiệu đến giao dịch vụ khách, và hợp đồng. Giúp khách dễ dàng lấy thông tin sản phẩm, gây ấn tượng và thuyết phục khách hàng.

Điều hành hiệu quả, linh hoạt

Chuẩn hoá quy trình giữa các bộ phận, thao tác đơn giản, báo cáo tự động, cập nhật dữ liệu thời gian thực. Giúp cho việc quản lý của lãnh đạo chưa bao giờ dễ dàng đến thế.

Giao dịch dễ dàng, nhanh chóng

Tối ưu hiệu quả giao dịch và trải nghiệm phương thức bán hàng thời đại số hoàn toàn mới cho đội ngũ kinh doanh.

CHỦ ĐẦU TƯ

Quản lý đội ngũ bán hàng, các đại lý phân phối

Đưa thông tin sản phẩm đến từng sản, từng nhân viên một cách chính xác, minh bạch.

Số hóa toàn bộ hệ thống bán hàng, từ khâu doanh thu và từ tài chính công của các dự án

ĐỘI QUẢN LÝ DỰ ÁN

Quản lý đội ngũ bán hàng, các đại lý phân phối

Đưa thông tin sản phẩm đến từng sản, từng nhân viên một cách chính xác, minh bạch.

Số hóa toàn bộ hệ thống bán hàng, từ khâu doanh thu và từ tài chính công của các dự án

ĐĂNG KÝ DÙNG THỬ MIỄN PHÍ

TRỞ THÀNH NGƯỜI ĐỒNG HÀNH TIN CẬY VỚI DOANH NGHIỆP

Với Real Agent, đội ngũ bán hàng của bạn sẽ được quản lý tập trung, xuyên suốt. Các nhân viên quản lý khách hàng hiệu quả, doanh nghiệp biết được sản phẩm từ các nguồn dữ liệu bán hàng, an toàn, phân phối dễ dàng. Cho dù bạn muốn bán hàng trực tiếp, bán hàng, tăng tốc bán hàng hay hợp lý hóa dịch vụ khách hàng, tất cả đều trở nên đơn giản và hiệu quả chỉ với một nền tảng chuyên nghiệp.

100,000 +
Khách hàng

60,000 +
Giao dịch

20,000 +
Sản phẩm BĐS bán thành công

500 +
Dự án

150 +
Doanh nghiệp hợp tác

“

Client quote

Newwave Solutions demonstrates flexible technical support and a 24/7 response approach, leading to positive feedback for the project. A quality-driven team, they are committed to bringing out a product's best features. They are dedicated and deliver high-quality work.

06. More Than 100,000 Users Are Using This App To Connect With The Right Employer Or To Hire The Perfect Domestic Helper

An app that connects families and helpers

Service

Software Development

Industry

Social Network

Platform

Mobile (Android / iOS)

Technology Stacks & Dependencies



Type

Cross Platform

App Features

- Families and helpers can post or find jobs.
- Users can make payment, chat, video call and manage history in the app.



Business Challenges

- Our client wanted to make it transparent for both parties involved, so that families can find reliable helpers, and helpers can make money in a safe environment.

→ Our team suggested developing an app that offers babysitters and families' background check and recommendations features to make the app even more trustworthy to both parties.

Technical Challenges

- Users' private data and phone numbers being leaked must be prevented.
- Our team used Twilio Voice and Twilio SMS to avoid data breach.
- Accurate distance between users must be calculated.
- Our team used Geocoding and Google Maps to support exact distance calculation.



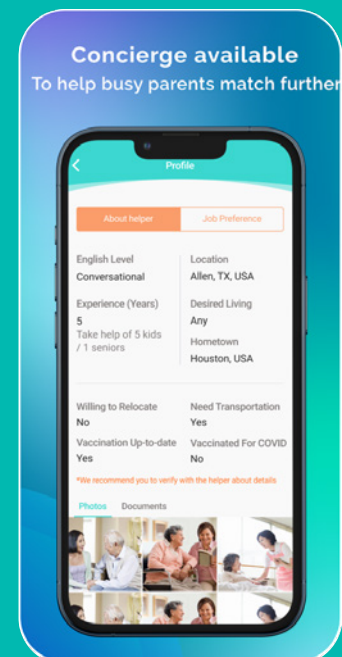
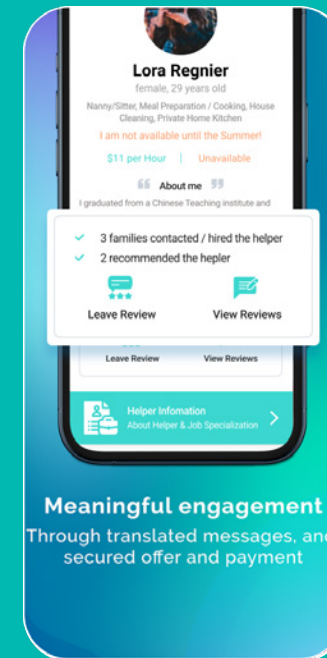
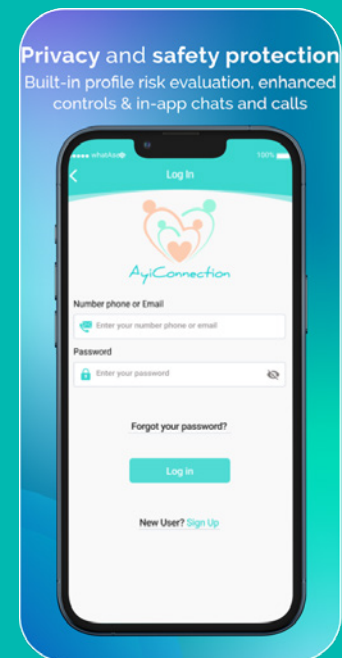
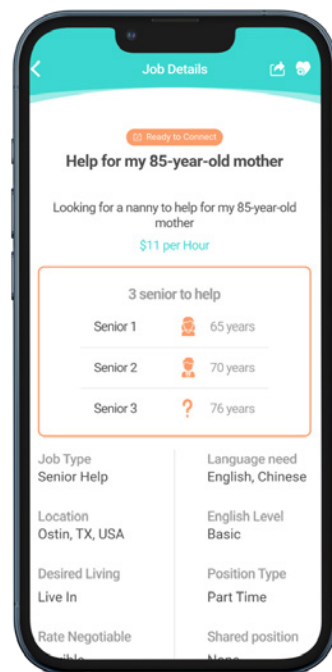


Solutions

- Technology: Twilio Voice / Twilio Programming Video / Twilio SMS / Google Maps / FCM / Vouched
- Programming Language: Dart / Java / Swift / PHP / JS
- Framework: Flutter / Laravel
- Management Tool: Trello
- Management Methodology: Agile

Newwave Solutions' Roles

- Analyzing
- Management
- Development



“

Client quote

The site's design receives uniformly positive feedback, and the traffic to the website is satisfactory. The professional team at Newwave Solutions is communicative, responsive, and timely, meeting all deadlines.

07. The Best Virtual Mailbox Service You'll Ever Need

A virtual digital mailbox service that allows customers to view and manage postal mail and packages right on their phones

Service

Software Development

Industry

Social Network

Platform

Web & Mobile
(Android / iOS)

Technology Stacks & Dependencies



Type

Cross Platform

App Features

- Customers can access to mail 24/7.
- Customers can view and manage mail anywhere with cloud-based platform.
- The company can manage the whole process with a digital system.

Business Challenges

- Our client is oceans away from us, so they worried that time zone difference would be a barrier.

→ We follow the agile model and focus on project communication. Our team is committed to offering at least 4 hours of overlapping time to ensure real-time communication.

Technical Challenges

- Migrating a complicated legacy system with more than 1000 lines of codes can lead to architectural problems.

→ We had to carefully analyze the current state of the system, identify the problems and then conduct the legacy migration incrementally to prevent issues.





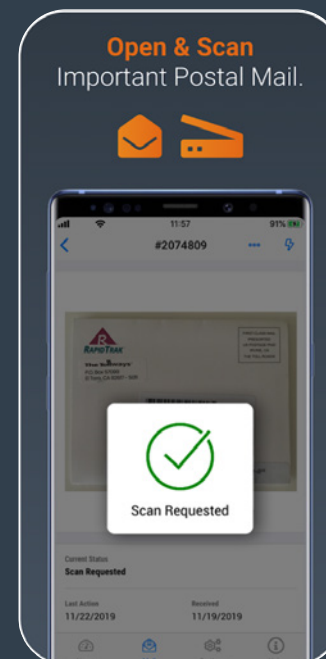
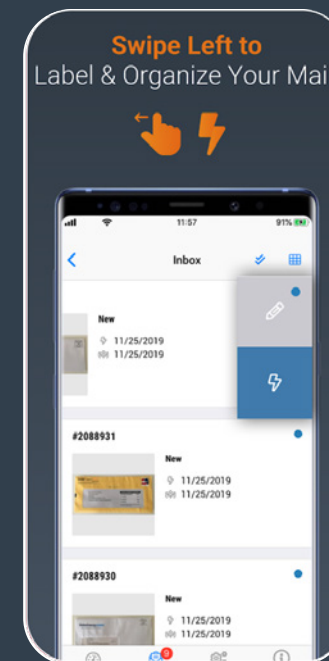
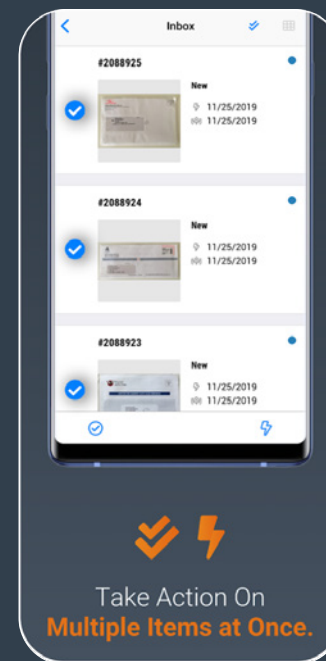
Solutions

The whole system are built with Microsoft technologies:

- .NET framework for backend and web portal
- Xamarin/Xamarin.Forms for mobile applications
- MS SQL Server for storing data
- Management Methodology: Agile

Newwave Solutions' Roles

- Development



“

Client quote

Although the product is not yet live, it performed well in user testing and with multiple stakeholders. Flexible and responsive, the team is quick to receive and deliver feedback while continuing to adjust to their client's needs. Clients can expect a dedicated and experienced partner.



“

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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