NEWWAVE Solutions

Newwave Solutions

Showcase

Web Development

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Web Development

Domain

01

Utilities

Internal Web to Get Updated with The Latest Events

A homepage for a Singapore based start-up co-working space and community.

Service

Web Development

Platform

Web

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Web System

Domain

Utilities

Technology Stacks & Dependencies

React JS   NEXT.JS   node   mongoDB

Keywords

Event Websites

App Features

- Users can browse, create and promote local events which take places in the working space.
- Users can buy tickets to events and subscribe to membership.
- The company can manage working spaces, events and ticketing.

Business Challenges

- Managing a shared space is full of challenges, so our client wanted to utilize a few tools that fit their need for managing a flexible shared space.

- Newwave Solutions team dug deep to understand our client's requirements and put forward a solution that includes all of our client's demands.

Technical Challenges

- We utilized various third-party APIs (Event Brite, Klavio, Stripe, and Xero) to meet our client's expectations and ensure the deliver time.

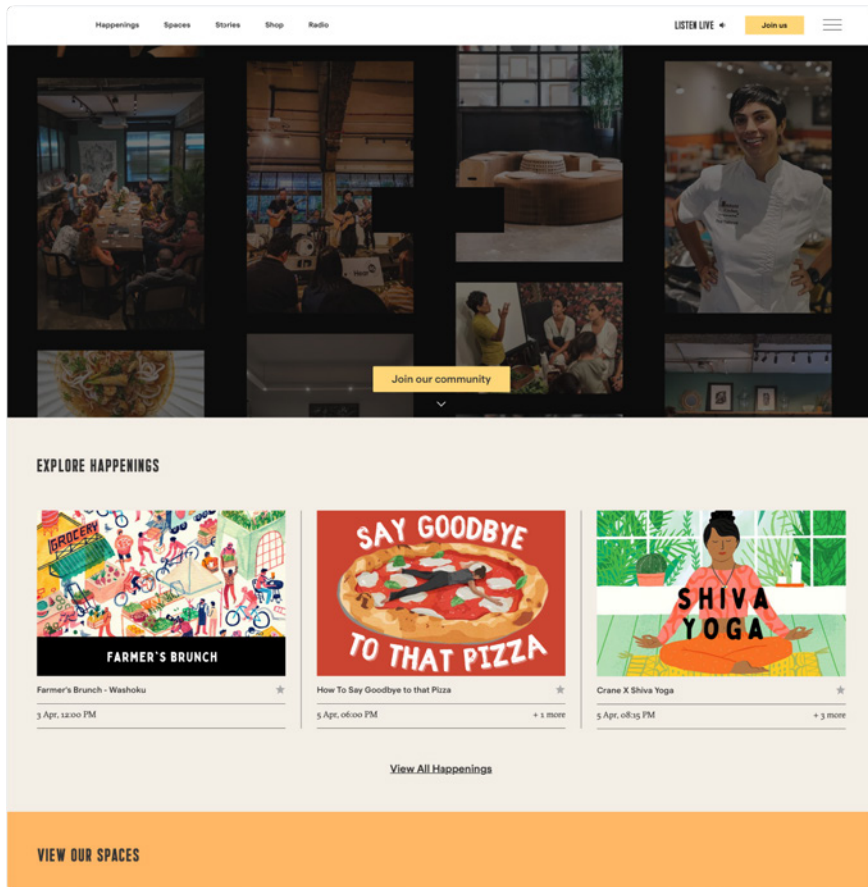## Solutions

- Programming Language:

  JavaScript

- Framework:

  ReactJS   NextJS

Newwave Solutions' Roles

- Analyzing
- Management
- Development

The Result

- Helping our client save **30% of time** in inputting information into their system.
- There are more than **1.000 orders every week**.

View More

Streamline Your Company's Internal Communication

A web-based app for internal communication in a company.

Service

Web Development

Domain

Utilities

Platform

Web

Technology Stacks & Dependencies

php   Laravel   Vue.js   Firebase

Type

Web System

Keywords

Corporate Websites

App Features

- Users can join different channels and communicate with each other.
- Users can organize schedules for themselves or for the team.

Business Challenges

- Our team had to deliver the project on a tight deadline. So, we create a system to track the process and frequently communicated with the client to prevent missing any detail.

Technical Challenges

- Our development team applied Firebase to ensure the project run effectively and cost-efficiently.
- We optimized the infrastructure by adopting more advanced tools to maintain the system performance when dealing with a large number of users.

Solutions

- Programming Language:

PHP   Javascript   MySQL

- Framework:
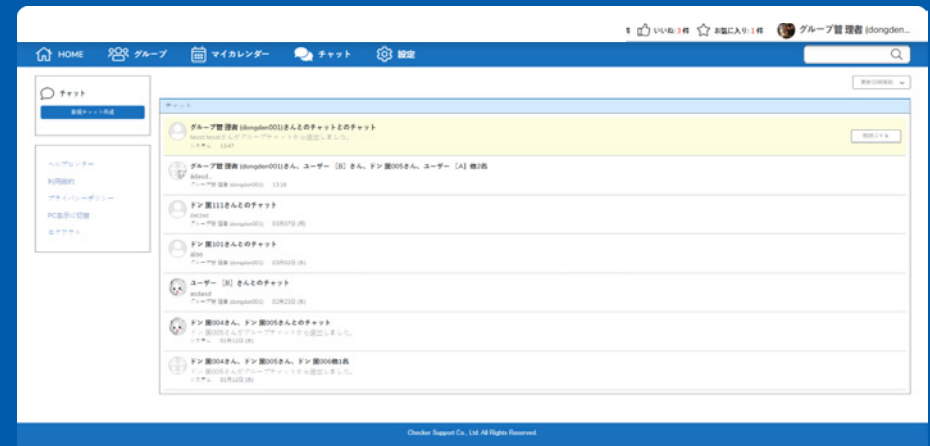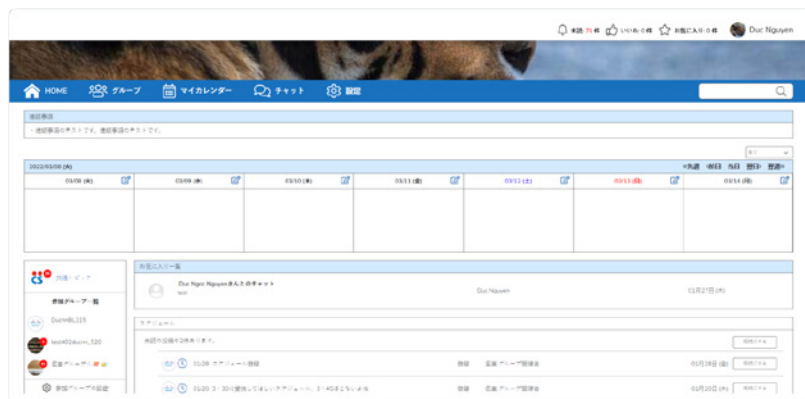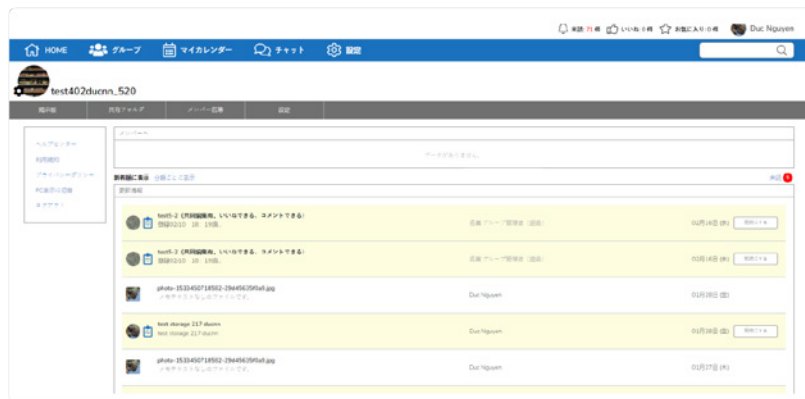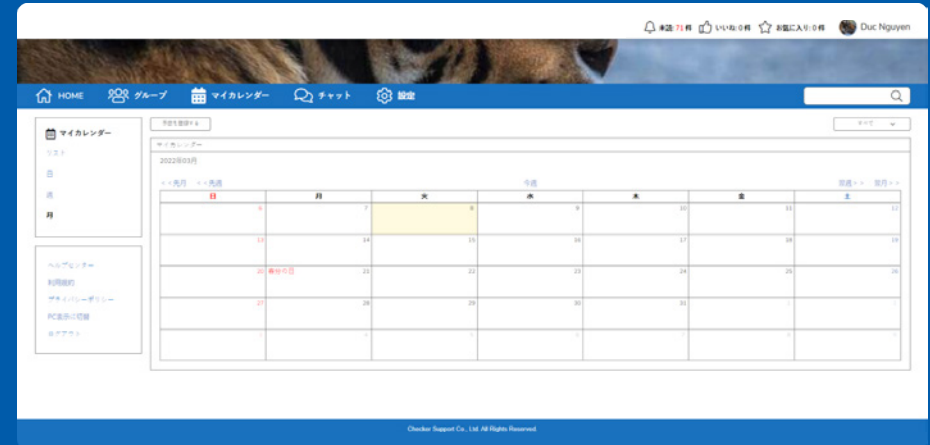
Laravel   Vue2

Newwave Solutions' Roles

- Analyzing
- Management
- Development

The Result

- Our clients left positive feedback about its quality and schedule.
- Tasks are created and aprroved via intenal app. As a result, the product helps our client optimize management process, reduce their time and energy by **45%** to manage their tasks.

View More

02

Ecommerce

E-Commerce Website Optimized for Customer Conversion

A web-based e-commerce app of a Japanese upmarket grocery store chain.

Service

Web Development

Platform

Web

Type

Web System

Domain

Ecommerce

Technology Stacks & Dependencies

php · Laravel · Vue.js · Java · MySQL

Keywords

Ecommerce Websites

App Features

- Users can choose stores and buy products from them online.
- Users can make payment through Paygent
- The company can manage stores, products, orders and users.

Business Challenges

- The project aimed to aggregate and scrape data from different trade points in a management system and further convert them into one e-commerce app, where users can search for the needed product.

- Newwave Solutions was responsible for setting up, developing, and maintaining all product data and providing it to clients in the most effective way.

Technical Challenges

- We had to utilize Paygent, a payment gateway in Japan, which is very difficult to use and has no introduction document.

- We designed a Master Database - Client Database that not only matches the system requirements but also synchronizes with other sub-databases.

- The configuration for synchronization between databases was very complicated, requiring many testing and high accuracy.

Solutions

- Programming Language:

  PHP　　Javascript　　MySQL

- Framework:

  Laravel　　Vue2

The Result

- **Human error** on store management has been **reduced by 26%** during the gathering and comparing of the data. This equates to an average daily saving of one hour of staff time.

Newwave Solutions' Roles

- Analyzing
- Management
- Development

View More

Highly Secure CMS Website Utilized Payment Services

CMS website is used to manage the merchant list, and provide a payment module to integrate into the merchant's website registered in the system.

Service

Web Development

Domain

Ecommerce

Platform

Web

Technology Stacks & Dependencies

php Laravel

Type

Ecommerce

Keywords

Payment Websites, CMS Websites

App Features

Admin CMS:

- Manage merchant information.
- Manage customer information.
- Manage payment information.

Merchant CMS:

- Manage customer information.
- Manage merchant information.
- Manage booking information.

Business Challenges

- Despite having a robust analytical system, the customers believed that it would not be able to satisfy their company's future needs. So, we had to improve the system so it can cope with the continuously growing amount of data, analyze big data faster, and enable comprehensive advertising channel analysis.

Technical Challenges

- Developing two-factor authentication while also ensuring that payment data is encrypted when transmitted between terminals, servers, or devices.

- Utilizing scalable cloud infrastructure, technological modules, and microservices.

Solutions

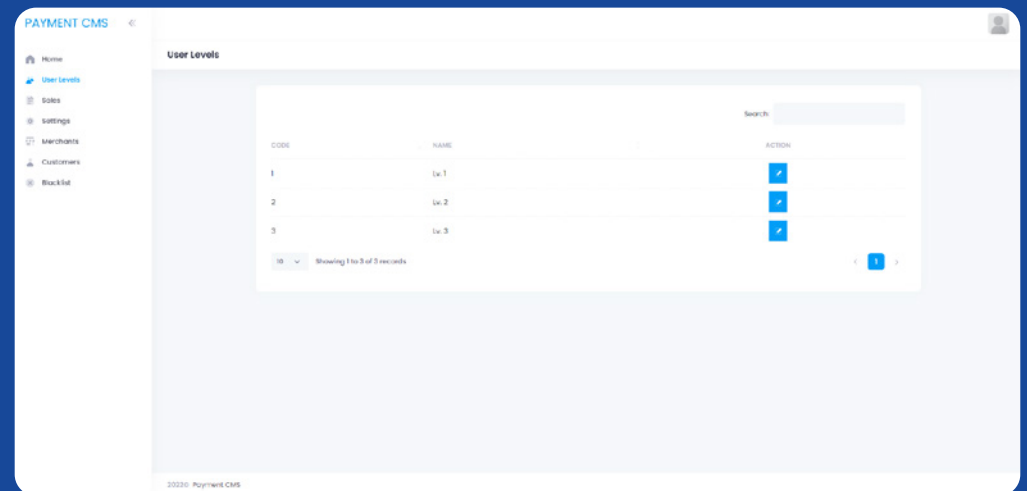- Programming Language:

  PHP

- Framework:

  Larvel
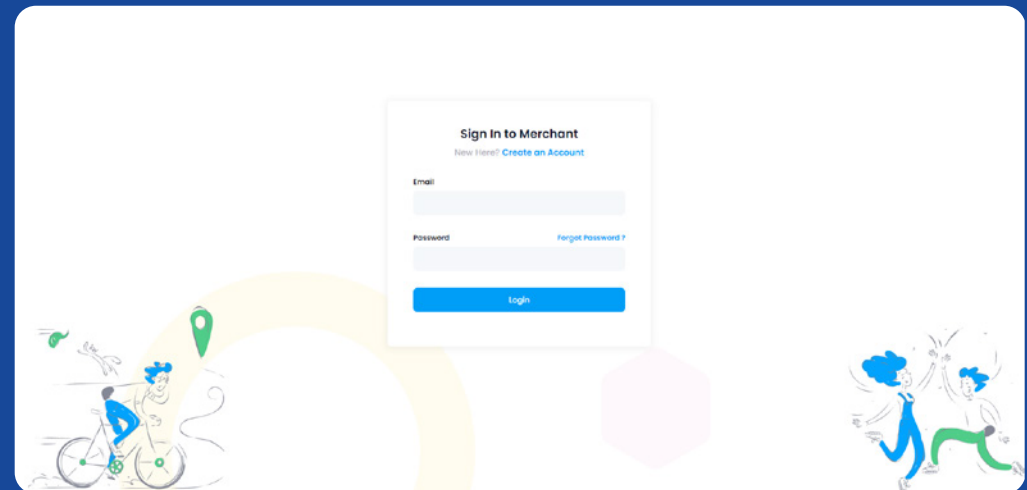
The Result

- Our clients left a lot of positive feedback about the website's quality and schedule.
- The app drew positive feedback from its end users thanks to its ease of use.
- The pay gateway delivers frictionless checkout on the website.
- **3.000 users** access the website per day.

Newwave Solutions' Roles

- System Design
- Management
- Development

View More

03

Travel

ERP Business Application Integration

An ERP system of a turtle & tortoise museum in Singapore which includes a WordPress site, a gamification app and an ERP management site.

Service

Web-app Development

Platform

Web

Type

Web System

Domain

Travel

Technology Stacks & Dependencies

Java   axelor   WordPress   Vue.js

Keywords

ERP Websites

Business Challenges

- We were aiming for developing a visually appealing and easy-to-use system, yet our client's system was quite complex with a lot of data.

- Our team had to spend a few days analyzing the system to come up with an effective solution, which really impressed our client.

Technical Challenges

- The project is an open-source ERP (Enterprise resource planning) solution that is extremely complicated and hard to understand.

- Filling the canvas with color in JavaScript is a difficult technique but we managed to get it done on time thanks to our experienced developer team.

App Features

- A system that includes an E-Commerce site, a gamification app and an ERP system, which are beautifully designed and easy to use.

Solutions

- Programming Language:

  Java WordPress HTML

  CSS JS

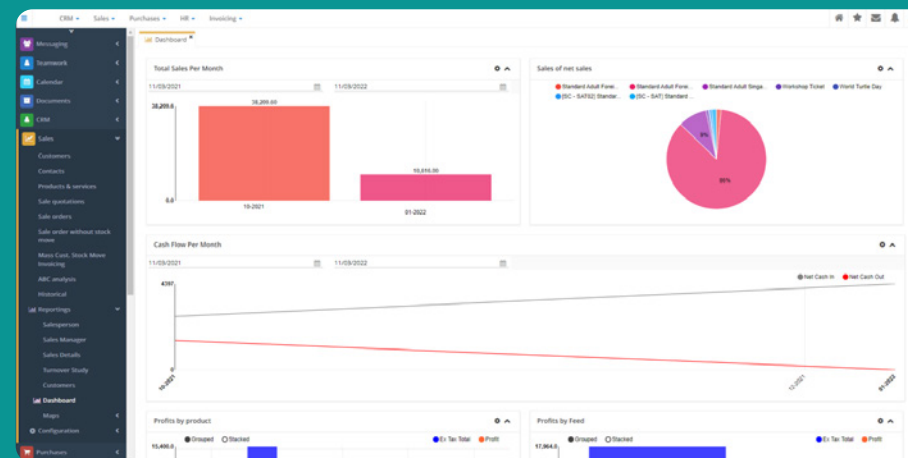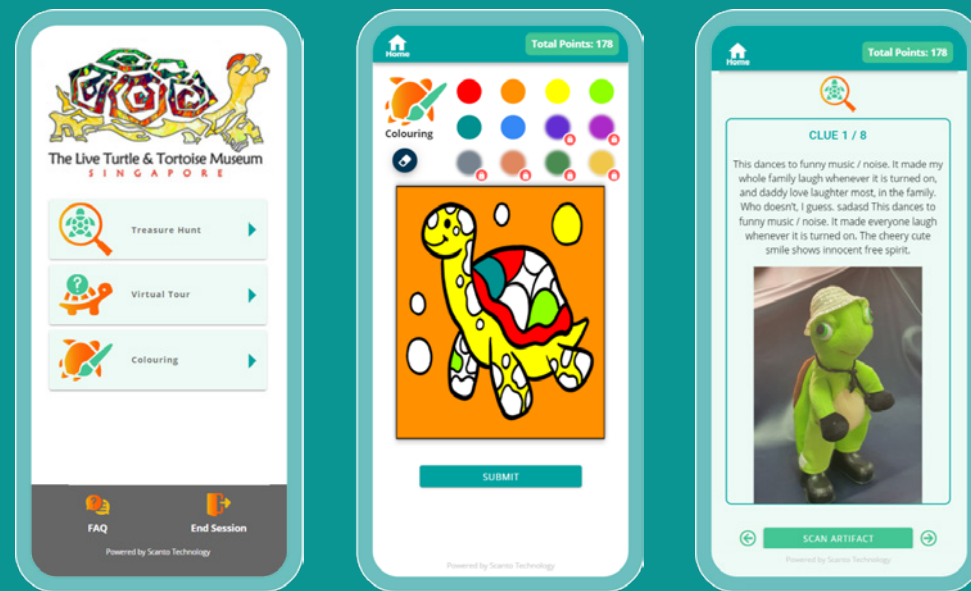- Framework:

  Spring Framework VueJS

  Axelor Open Source

The Result

- Newwave Solutions achieved remarkable results in this ERP project, optimizing the performance of ERP components and reducing system support costs.
- Increased Java code flexibility allowed for software functionality enhancement and assured smooth workflow.
- This system always maintains its performance of **100% uptime**. With a smooth web experience, our client can retain and attract their audience. Therefore, their website's session duration improves remarkably, increasing SEO rank.

Newwave Solutions' Roles

- Analyzing
- Management
- Development

View More

NEWWAVE
Solutions

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>
> 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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