



Case Studies

Discover our successful implementations using Pleasant

TABLE OF CONTENTS

▶ ESG management system	03
▶ Tenant lease agreement	04
▶ ERP System for Factory	05
▶ Special mention management system	06
▶ Corporate API collaboration	07
▶ Credit and anti-company checks	08
▶ Tenant record	09
▶ Full Calendar	10
▶ Town Power Station	11
▶ Management by objectives	12

ESG Management System

The Client

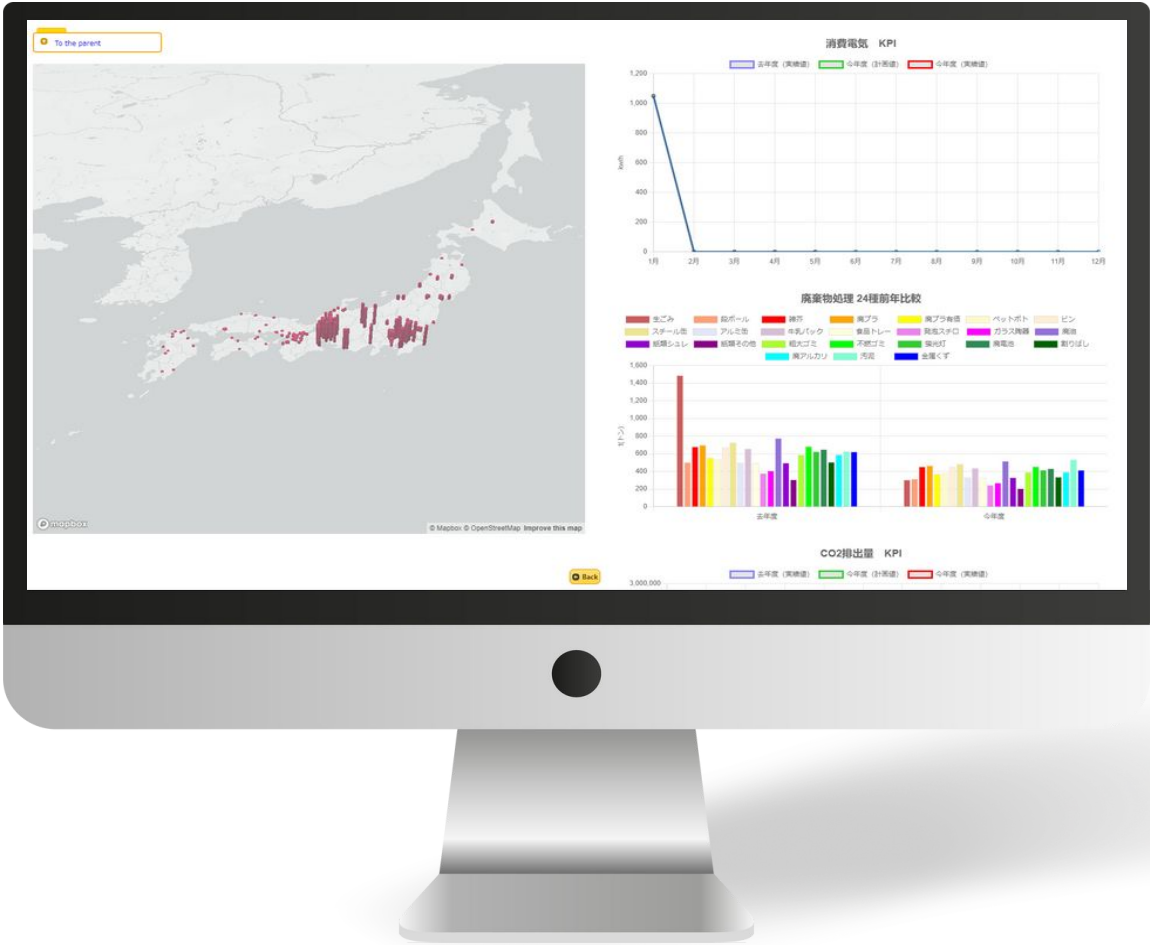
Large-scale Japanese enterprise in the field of providing solutions and developing information systems

Industry

IT

Project Overview

Scope of work	Development, Testing, Publishing, Maintenance
Volume	15 man-month
Period	4 months
Technology	Pleasanter / ChartJS / SheetJS



Challenge

- ▶ The client wanted to create a performance tracking system (monthly water, electricity, CO2, etc. consumption) against ESG-related KPI targets for about 166 branches across Japan. The system needed an easy-to-understand dashboard, and the data had to be exportable to Excel or CSV.

Solution

- ▶ Researched new features of Pleasanter and applied them to this project.
- ▶ Helped the client implement a demo IT system to track and report on ESG KPIs and therefore ESG-related goals.
- ▶ Supported the collection of huge amounts of ESG data and easy input and management (charts, excel, CSV, etc.).

Result

- ▶ Successfully developed and delivered a low-code solution to the Client.
- ▶ Using Pleasanter to build the system helped deploy time 40% faster than traditional web systems.

Tenant Lease Agreement

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

Real estate

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	8 man-month
Period	2 months
Technology	PHP / VueJS



Challenge

- ▶ Rental contracts are managed separately across departments, causing inefficiency and delays.
- ▶ With IFRS adoption, malls will need to track contract updates, modifications, and cancellations monthly for accurate balance sheets and pledges.

Solution

CodLUCK researches and applies low-code solutions:

- ▶ Systematization and database creation for store opening contracts and tenant master data-related operations.
- ▶ Optimization of overall operations by linking with related systems.
- ▶ Improved processing capacity and speed, including analysis and search of contract information.
- ▶ Creation of a seamless system for store opening contracts and tenant master data-related operations.

Development Function

- ▶ Tenant contract management (register, search, edit, delete)
- ▶ Various master data management (register, search, edit, delete)
- ▶ Report output
- ▶ External system integration

ERP System for Factory

The Client

A Factory

Industry

Manufactory

Project Overview

Scope of work	Requirements Definition, Development, Testing, Operation, Maintenance
Volume	15 man-month
Period	5 months
Technology	Pleasanter



Challenge

- ▶ The lack of a Central Hub for Data causes miscommunication and slows decision-making across the company.
- ▶ Inefficient hiring and manual employee data tracking lead to delays in payroll and task management.
- ▶ Handling orders, materials, and equipment maintenance problems results in shortages, or overstocking, disputes, and production delays.



Solution

- ▶ A real-time dashboard centralizes data from all departments for better decision-making.
- ▶ Recruitment, employee, and timekeeping modules streamline hiring, manage employee data, and track work hours to improve payroll accuracy and productivity.
- ▶ Equipment, CRM, order, material, and supplier modules ensure efficient tracking, preventing delays, and improving maintenance, customer service, and supply chain management.



Result

- ▶ Implementing the ERP system improved decision-making with real-time data, enhanced payroll accuracy, and streamlined recruitment. It reduced equipment downtime, increased customer satisfaction, and optimized order fulfillment and procurement, minimizing production delays and ensuring timely deliveries.

Special Mention Management System

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

Real estate

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	10 man-month
Period	2 months
Technology	Pleasant management screen / Pleasant API / PHP Laravel Framework / VueJS



Challenge

- ▶ The Client wants to see in real time how the contract terms will change depending on the contents of the special notes.
- ▶ The text of the special notes must be created according to the organization's rules (bulk registration/editing, using existing special notes as hints, etc.)
- ▶ It is essential to introduce an approval flow that is tailored to the business content, which the current system cannot handle.

Solution

- ▶ Built a contract note management system using PHP Laravel. Using the PHP system, Pleasant's data entry weaknesses can be improved.

Development Function

- ▶ Pleasant
 - Special note search • Special note registration • Special note editing • Special note deletion • Add special note comment
- ▶ PHP
 - Special note search • Special note registration • Special note editing • Special note deletion • Add special note comment

Corporate API Collaboration

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

BFSI

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	6 man-month
Period	2 months
Technology	Pleasant manage screen / Pleasant API



Challenge

- ▶ Corporate information data is updated manually.
- ▶ Searching for corporate information is time-consuming and may not be accurate.

Solution

- ▶ Link with the National Tax Agency's API to search and retrieve corporate information. Then, update the corporate information on Pleasant.

Development Function

- ▶ Search and retrieve corporate information by registration number, corporate name, or corporate number and import it into Pleasant.
- ▶ Update corporate information on Pleasant.

Credit and Anti-company Checks

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

BFSI

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	5 man-month
Period	2 months
Technology	Pleasantr manage screen / Pleasantr API / PowerShell



Challenge

- ▶ Corporate information is checked manually. Data obtained from corporate information is entered manually.
- ▶ There are some issues when entering content. It takes time to enter content.



Solution

- ▶ Data is retrieved from Excel and CSV files via SharePoint and displayed on Pleasantr.



Development Fuction

- ▶ Process files obtained from SharePoint in batches, import data to Pleasantr, and attach Excel and CSV files. The corresponding data from the Excel and CSV files is displayed in Pleasantr.

Tenant Record

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

Real estate

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	7 man-month
Period	2 months
Technology	Pleasanter manager screen/ Pleasanter API / PowerShell



Challenge

- ▶ The Client manually searching for PDF files.
- ▶ There are some issues when searching for files.
- ▶ It takes a long time to search.



Solution

- ▶ Download PDF files from SharePoint, search for them based on the file name, then upload them to the corresponding records in Pleasanter.



Development Fuction

- ▶ The tenant information file obtained from SharePoint is processed in batches, the data is imported into Pleasanter, and Excel and CSV files are attached.
- ▶ The relevant data from the Excel and CSV files is displayed in Pleasanter.

Full Calendar

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

Real estate

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	5 man-month
Period	1 month
Technology	Pleasant API / Fullcalendar Library: https://fullcalendar.io/



Challenge

- ▶ The Client wants to manage tenant contract data on a calendar.
- ▶ When the calendar was first added, an interface error occurred due to CSS incompatibility.

Solution

- ▶ Added additional CSS for the calendar screen.

Result

- ▶ Manage tenant information and import it into Pleasant.
- ▶ Display a calendar on the Pleasant screen.

Town Power Station

The Client

A global shopping mall developer that operates over 200 shopping malls around the world.

Industry

Construction

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	5 man-month
Period	2 months
Technology	Pleasant API / PowerShell



Challenge

- ▶ Most payments and data entry work is done manually.
- ▶ It takes time, and there are concerns about transcription errors.
- ▶ Information cannot be shared between related departments in a timely manner.
- ▶ As on-site power generation expands in the future, the numbers of files and sheets will increase, making management difficult.
- ▶ The information is just a list of numbers and is difficult to understand.
- ▶ The data cannot be used for analysis, etc.

Solution

- ▶ Convert the Excel file to a CSV file.
- ▶ Import into Pleasant and display the necessary data.
- ▶ Upload the invoice, payment, and transfer files to the report management table in Pleasant.
- ▶ In Pleasant, create a view using each self-consignment data to summarize the actual results for each fiscal year.

Result

- ▶ Obtain data from the PC using Powershell, process it, and then import it into Pleasant.
- ▶ Display the data in Pleasant.
- ▶ Output reports

Management By Objectives

The Client

A Japanese company that engages in human resources/ general affairs/ accounting, design evaluation and other general operations.

Industry

Human resource management

Project Overview

Scope of work	Detailed design, Development, Testing
Volume	5 man-month
Period	2 months
Technology	Pleasant API / Javascript (D3js: https://d3js.org/)



Challenge

- ▶ Difficult to manage organizational and individual goals all at once using Excel.
- ▶ Difficult to view and compare goal content.
- ▶ Version control is difficult: Difficult to manage goals for each fiscal year.
- ▶ Manually updating data: Using Excel not only takes time, but there is also a possibility of introducing errors or inaccurate information.

Solution

- ▶ Target data will be converted into a database on the cloud.
- ▶ Registration and inquiry of organizational goals and personal goals can all be done on PC or mobile.
- ▶ Goals are managed centrally using expressions tailored to your unique organization.

Result

- ▶ Manage human resources master data (register, search, edit, delete).
- ▶ Display a human resources tree map on the Pleasant screen.

CONTACT US

- ✉ sales@codluck.com
- 🌐 <https://codluck.com/>
- 📍 16th Floor, HL Tower Building, 6/82 Duy Tan, Dich Vong Hau, Cau Giay, Hanoi, Vietnam