DIGITAL TRANSFORMATION FOR MANUFACTURING BUSINESSES ON THE KINTONE PLATFORM

HIGHLIGHTS

Digital Transformation for Manufacturing Businesses:

Luvina assists end-user clients in transitioning from manual to digital workflows for managing auction records, equipment procurement, and inventory documentation. This automation enhances workflow efficiency and productivity for end-users.

The Kintone Platform:

Luvina has effectively integrated this platform into the digital transformation process for end-users, providing them with a user-friendly system.
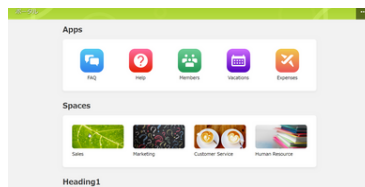
Scalability:

The solution developed by Luvina and our client in this project offers scalability for similar business operations. The end-user in this project also express interest in extending the application of this solution to other internal workflows.

OVERVIEW

Luvina is trusted with developing software solutions to enhance end-user productivity on the low-code Kintone platform. Our solution is versatile, applicable across diverse industries, and currently deployed for a PVC manufacturing company in Japan.

Country: Japan
Services: Software Development
Industry: Manufacturing
Technology: Kintone (DB Cloud); Plugin/JavaScript
Duration: 3 months
Scale: 6 man-months

About Kintone:
Kintone is a customizable workplace platform that lets you manage your team's data, tasks, and communication in one central place.
With its user-friendly interface, particularly resembling Excel, Kintone is accessible even to non-technical users, facilitating simple and secure data sharing within organizations. Moreover, Kintone offers extensive functionality through plugins, making it the chosen platform for this project.

ABOUT OUR CLIENT

Our client is a leading IT company in Japan investing in workflow automation solutions for businesses in the Vietnamese and Thai markets. Collaborating with Luvina, they customize products for end-users based on their requirements.

In this project, the end-user is a PVC manufacturing company facing challenges in managing auction records and equipment procurement, primarily relying on paper-based processes:

- Approval processes are paper-based, making it difficult to track document circulation.
- Unselected bids are not managed, hindering bid analysis.

CLIENT REQUIREMENTS

1. **Digitize** the current paperwork auction workflow on the Kintone app.

2. After digitizing the auction flow on the Kintone app, the client aims to deploy other workflows, aspiring towards internal self-sufficiency. This necessitates Luvina and our client (the large IT company) **establishing documentation and training materials** for knowledge transfer to end-users.

CHALLENGES

The project timeline is short, and our client faces **deadline pressure** from the end user. Accordingly, Luvina must align with the client's schedule to ensure timely delivery without compromising quality. Luvina must quickly **learn and research** an entirely new platform while meeting the client's delivery deadline. Additionally, our client is a longstanding partner with **high-quality standards**.

SOLUTIONS

Self-learning: Our project team proactively self-studied and researched the Kintone platform to enhance their knowledge and capabilities. In just two months, the entire team became proficient in working with Kintone. Our client also initiated a trial project highly compatible with the actual project, which Luvina successfully executed, proving our team's capabilities.

Proactive Communication: To meet the client's delivery deadline, Luvina immediately engaged in understanding requirements, conducting QA, and communicating with the client for early confirmation. While awaiting client verification, Luvina proactively developed parts with clear requirements to shorten the timeline.

Documentation: The project team also created professional Kintone documentation for internal training, preparing for onboarding new project members, and extensive training if necessary. With abundant human resources, Luvina is always ready to scale up with client demands. We also prepared standardized project documents for handover to help the end-user customer understand Kintone app development, as requested.

ACHIEVEMENTS

Client Satisfaction: Luvina ensured timely delivery and quality as per the initial agreement, despite starting from ground zero in Kintone. The client is **pleased with our product quality and workflow**. They trust and wish for our continued support in developing plugins and other complex functions.

Luvina's Growth: Our team **gained expertise and experience in Kintone** development, specifically:
+ Designing and building apps on Kintone.
+ Designing flows and process routing on Kintone to meet end-user management needs effectively.
Luvina now has **a core Kintone team ready** to take on future technical challenges in this area.