

Locker Management System

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1. Background

As campus services become increasingly digitalized, traditional manual business models can no longer meet growing student demand and management requirements.

Before the implementation of the locker system, management relied on Excel ledgers, with application processes handled via Wenjuanxing surveys. Staff manually emailed locker numbers and passwords individually—a cumbersome, time-consuming procedure prone to errors, duplicate assignments, or omissions, negatively impacting student experience and increasing management pressure.

A unified, standardized, and automated locker management system was needed to centralize locker resources, automate workflows, and enhance service quality and management reliability.

2. Solutions

The low-code platform enables centralized locker resource management and automated workflows. The system periodically updates locker passwords and allows students to log in independently during open application periods to select lockers. Once a locker is assigned, scheduled jobs automatically issue passwords, ensuring a controlled and efficient allocation process.

Additional features include secondary applications, end-of-semester automated reminders to empty lockers, batch unbinding, and a visual reporting module displaying locker availability and distribution. This mechanism provides full lifecycle standardization, automation, and transparency in locker management, greatly improving efficiency and user experience.

3. Outcomes and Benefits

The system eliminates manual errors, automates management, and ensures real-time, accurate information updates. Multidimensional statistical reports enhance management efficiency and data accuracy.