

PENERAPAN *ENTERPRISE RESOURCE PLANNING* BERBASIS ODOO DALAM PROSES AKADEMIK DI TK ISLAM AL-HIKMAH

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ABSTRAK

Transformasi digital di dunia pendidikan menjadi kebutuhan penting, termasuk bagi lembaga pendidikan anak usia dini seperti TK Islam Al-Hikmah. Selama ini, proses administrasi seperti pencatatan absensi, pengelolaan data siswa, dan keuangan masih dilakukan secara manual, sehingga sering terjadi duplikasi data, keterlambatan informasi, serta rendahnya efisiensi kerja. Penelitian ini bertujuan untuk menganalisis penerapan sistem ERP berbasis Odoo Dalam Proses Akademik di TK Islam Al-Hikmah. Penelitian ini menggunakan pendekatan kualitatif dengan metode studi kasus, serta menerapkan model pengembangan sistem *Rapid Application Development* (RAD). RAD dipilih karena memungkinkan proses pengembangan yang cepat dan melibatkan pengguna secara aktif. Fokus sistem diarahkan pada tiga modul utama, yaitu: Absensi, Manajemen Siswa, dan Keuangan Siswa. Hasil penelitian menunjukkan bahwa sistem yang dikembangkan dapat meningkatkan akurasi data, mempercepat alur informasi, serta mengurangi pekerjaan administratif yang bersifat berulang. Selain itu, pendekatan RAD memberikan fleksibilitas dalam menyesuaikan kebutuhan pengguna secara real-time. Dengan demikian, sistem ERP berbasis Odoo terbukti mampu meningkatkan efisiensi manajemen di lingkungan TK. Penelitian ini diharapkan menjadi rujukan bagi lembaga pendidikan sejenis yang ingin menerapkan transformasi digital secara efektif.

Kata Kunci: ERP, Odoo, RAD, Absensi, Manajemen Siswa, Keuangan Siswa.

***IMPLEMENTATION OF ODOO-BASED ENTERPRISE RESOURCE
PLANNING IN THE ACADEMIC PROSESS AT AL-HIKMAH ISLAMIC
KINDERGARTEN***

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ABSTRACT

Digital transformation in the world of education has become a crucial need, including for early childhood education institutions such as Al-Hikmah Islamic Kindergarten. Currently, administrative processes such as attendance recording, student data management, and financial management are still carried out manually, resulting in frequent data duplication, information delays, and low work efficiency. This study aims to analyze the implementation of an Odoo-based ERP system in the Academic Process at Al-Hikmah Islamic Kindergarten. This study uses a qualitative approach with a case study method, and applies the Rapid Application Development (RAD) system development model. RAD was chosen because it allows for a rapid development process and active user involvement. The system focuses on three main modules: Attendance, Student Management, and Student Finance. The results show that the developed system can improve data accuracy, accelerate information flow, and reduce repetitive administrative work. In addition, the RAD approach provides perfection in adapting to user needs in real-time. Thus, the Odoo-based ERP system is proven to be able to improve management efficiency in the kindergarten environment. This study is expected to be a reference for similar educational institutions that want to implement digital transformation effectively.

Keyword: ERP, Odoo, RAD, Attendance, Student Management, Student Finance, Digital Transformation