ABSTRACT

DESAIN OF ERP SYSTEM TIME MANAGEMENT MODULE BASED ODOO IN PT ARTDECO SEJAHTERA ABADI WITH RAPID APPLICATION DEVELOPMENT METHOD (RAD)

By

OKSYA AFIFAH

NIM : 1202160011

PT Artdeco Sejahtera Abadi is one of the outsourcing companies in Indonesia which are engaged in managing professional human resources, leasing office operational vehicles, serving Building Management, and serving overseas and domestic travel needs by providing hotel recommendations, tickets, hospitality, and accommodation. PT Artdeco Sejahtera Abadi uses Management Information System (MIS) and Microsoft Office such as Microsoft Excel and Microsoft Word. Especially in managing employee absence, the company still uses a conventional system where the attendance data file will be sent via e-mail between the Client and Corporate Outsourcing Unit, and the database cannot be accessed by all employees of the Artdeco Sejahtera Abadi company. The company is currently trying to implement new technology by using a one-month android-based application designed by a third party. It can be concluded that the impact that is being faced by PT Artdeco Sejahtera Abadi is that the company uses more than one system or technique for almost all business processes carried out, so there is a lack of system integration between company divisions that are being used in business processes. This can cause data to become non-real-time, not transparent, data redundancy, and slow down stakeholders to make decisions. With a variety of obstacles encountered in managing outsourcing employee attendance which can also affect

other business processes related to absenteeism, the Artdeco Sejahtera Abadi company needs a new system design using Enterprise Resource Planning (ERP) in managing company data and improving the quality of information systems company, especially in the absence. The results of this research are a Time Management module based on Odoo based Enterprise Resource Planning (ERP) system by using Rapid Application Development (RAD) methods that have been adapted to the company's needs in solving problems that occur and helping the running of business processes at PT Artdeco Sejahtera Abadi the outsourcing employee attendance section in managing information in real-time, accurately, and integrated with other parts related to attendance.