

ABSTRACT

DESIGN OF ENTERPRISE RESOURCE PLANNING (ERP) MODULE HUMAN RESOURCE SUBMODULE RECRUITMENT BASED ON ODOO USING RAPID APPLICATION DEVELOPMENT (RAD) METHODS IN PT. ARTDECO SEJAHTERA ABADI

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PT. Artdeco Sejahtera Abadi is a company engaged in the management of services and general trade. PT. Artdeco Sejahtera Abadi provides business services for Professional HR Management Services (outsourcing), Office Operations Vehicle Rental, Building Management, and Travel Agencies. One of the most widely used business services is Professional HR Management Services (outsourcing). Until now, PT. Artdeco Sejahtera Abadi already has 3000 outsourcing workers spread throughout Indonesia. With the development of outsourcing business services, the need for outsourcing personnel in accordance with the needs of the company is getting bigger, therefore the task of the Human Resources Unit is getting heavier, because the Human Resources Unit is responsible for the recruitment process or finding prospective outsourcing workers in accordance with company needs. The recruitment process of outsourcing personnel at PT. Artdeco Sejahtera Abadi is one of the important processes, and therefore the outsourcing recruitment process should be supported by a good system, so that the recruitment process for outsourced workers can produce results that are in line with company needs. In carrying out the recruitment process of outsourcing personnel, PT. Artdeco Sejahtera Abadi still do it conventionally. This causes the process of delivering information to be unclear, both within the company and with the company's business partners, which causes applicants with quality that is less appropriate to the needs of the selected company. The recruitment process of outsourcing personnel which is still conventional also causes the data related to the recruitment process to not be stored in one system, which causes companies to take a long time to examine and analyze documents and to determine applicants who are accepted or not. The next problem is that the absence of an integrated system causes the Human Resources Unit to not be able to integrate the data collection process for recruitment of outsourced workers to the training and development of outsourcing, attendance, and payroll personnel, so that the Human Resources Unit's working time becomes longer. With the lengthy process of recruitment of outsourcing workers and the large number of outsourcing workers, PT. Artdeco Sejahtera Abadi needs a system that can integrate the process of recruitment of outsourcing personnel, training and development of outsourcing, attendance, and payroll personnel.

Based on the existing problems at PT. Artdeco Sejahtera Abadi, the design of the Enterprise Resource Planning (ERP) module human resource sub module module for recruitment based on Odoo will be carried out with the Rapid Application Development (RAD) method. At the time of design, researchers conducted observations and interviews in taking company data. After that, researchers conducted a system design based on current business processes and existing business processes in the system so as to produce a proposed business process. After that the researchers tested the application that was designed using User Acceptance Testing (UAT).

The results of this study are the design of ERP module recruitment based on Odoo that has been adapted to existing business processes in the company and integrated with other business processes related to the recruitment process, so as to accelerate the recruitment process and facilitate the company to make decisions. With the implementation of the Odoo system in the recruitment process, it is expected to be able to solve the problems at PT. Artdeco Sejahtera Abadi.

Keywords: Enterprise Resource Planning (ERP), Odoo, Recruitment, Rapid Application Development (RAD), User Acceptance Testing (UAT)