

ABSTRACT

CV Azaka Jaya Makmur is a company engaged in the textile industry that was established in 2012. This company is facing several difficulties, particularly in the sales and purchase departments, which have not yet adopted an integrated system and are still using Microsoft Excel. This can lead to data being scattered, resulting in time consumption. This will hinder the business processes within the company.

To address this issue, CV Azaka Jaya Makmur requires an integrated system and Enterprise Resource Planning. (ERP). In accordance with the needs and comparisons with other ERP platforms, Odoo has become one of the suitable solutions for this research. Therefore, the Odoo platform is chosen as the solution for this study to integrate the company's business processes. By using the Rapid Application Development (RAD) method in this research, and the User Acceptance Test system. (UAT). The implemented ERP system is also expected to facilitate the execution of sales and purchases by performing final validation using integration testing and black box testing methods.

The conclusion of this research is that the implementation of ERP can enhance the effectiveness and efficiency of business processes at CV Azaka Jaya Makmur, validated by test results showing a validity index percentage of 86%. Thus, the system that has been developed is very good and is expected to continue to be improved to support other business processes.

Keywords: ERP, Odoo, RAD, UAT, blackbox testing, integration Testing, sales, purchase