Abstract

Business processes at UD. Gudang Kuota which is still manual and not integrated causes some problems such as the procurement of goods from the warehouse and from the outlet, delays in the purchase and allocation of goods, frequent errors and delays in reporting daily sales. The solution to the above problems is the implementation of Open Source Enterprise Resource Planning that is suitable for MSMEs that are required to improve the efficiency of business processes while still reducing costs. Where in practice ERP will automate business practices and business procedures of a company with the integration between modules and data so as to produce a system that is more effective and efficient in daily use. Open Source ERP that will be implemented is Odoo purchasing module, point of sale, inventory, and accounting. The ERP forwarding stage starts with problems identifying, then continues with literature study, identifying business processes that occur then proposing new business processes with an integrated ERP system. After that, configuring and implementing the ERP module, and finally testing. Based on the results of testing the ERP system using the UAT (User Acceptance Test) and testing each of the functionalities it can be concluded that the ERP system is very suitable to the needs of UD. Gudang Kuota, with a suitability level of 85.4%.
Keywords: **Enterprise Resource Planning, Open Source, Odoo, User Acceptance Test.**