

ABSTRACT

As a manufacturing company engaged in the chemical sector, PT Barokah Inti Sari runs a business that focuses on the production and sale of glue which is quite large. In the warehouse section at PT Barokah Inti Sari, the information system used is still conventional, given the many incoming requests and the production of quite a lot of goods. As happened in one of the sections in the warehouse, namely there is no reminder when the raw material has run out, thus making the production section unable to run which causes requests from consumers cannot be fulfilled. Then there is still a lot of data that has not been stored in the database, business processes are not yet IT-based, there is no management of the location of goods, between sections are not integrated. From these problems, ERP is expected to be able to solve the problems that occur at PT Barokah Inti Sari. ERP is a system that integrates the entire set of business processes to be interconnected and sustainable as part of business management to increase productivity, efficiency, and achieve the goals of a company. In this research, the focus of the problem raised is to develop an ERP system using the Odoo QuickStart methodology. This method is suitable for small-medium companies to help implement a project, standardize business processes, and enter the go-live stage quickly. This ERP system will be tested using integration testing, unit testing, and blackbox testing which will then be tested for validation according to the needs of PT Barokah Inti Sari. The results of this research are a clear reporting system and stored in the database, an integrated supply chain management system in the warehouse section so as to increase productivity at PT Barokah Inti Sari.

Keywords: ERP, Manufacturing, Odoo, QuickStart, Inventory Management