

## **ABSTRACT**

CV. Blessing is a manufacturing company engaged in the textile industry. Products produced by CV. Blessing is various types of fabrics such as shirts, cotton fabrics, and various other textile products. One of the business processes in the CV. Blessing is in the production section. Business processes that exist within the company include production scheduling activities and production implementation processes. CV. Blessing uses a system that is standalone in meeting its business needs. The main problem in the production division is that the system used is not integrated between parts of production, warehouse, and purchasing and there is no flexibility in the current system.

Development of Enterprise Resource Planning (ERP) can be a solution to these problems on the CV. Blessing. The ERP system used in Odoo. Odoo is open-source software that is widely used by various types of companies. Development of an ERP system on the CV. Blessing uses the Odoo Quickstart Methodology. This methodology can make the implementation process completed on time and the costs needed can be adjusted to the project.

Development of ERP Systems on the CV. Blessing aims to overcome the problems found in the production section so that the company's business processes can be well integrated, effective, and efficient and increase flexibility in production scheduling. The Manufacturing Resource Planning module found in Odoo will help improve the planning of the production section in carrying out the production process to produce clear reports. After the implementation process is complete, the system is tested using the System Usability Scale.

Keywords: ERP, Manufacturing, Odoo, QuickStart