

ABSTRACT

DEVELOPMENT QUALITY CONTROL AND INVENTORY CONTROL IN INVENTORY MANAGEMENT MODULE OPEN SOURCE ERP FOR TEXTILE INDUSTRY

(Case Study: CV. Blessing)

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As firms running in textile industry, CV. Blessing operates its business with focusing to produces, sells fabric, cloths, and various textile product. CV. Blessing already has an information system to support its business just focus production process. Because of this, it doesn't collaborate well with other department especially inventory department. When doing work order of production process to request raw material have error occurs in the giving of it. Then for doing quality control of incoming raw material still using manually process for recording its report. With those problems, Developing Enterprise Resource Planning (ERP) as one solution of those problems. ERP is can be integrated all of business process in firm and increase productivity, efficiency, communication. This research to developing ERP uses Odoo Quickstart methodology. This methodology is focused on Small-Medium Enterprise (SME), wanted adopting standard of business process and helping implementation project faster and can reach into go-live. This research is using System Usability Scale to evaluate of developing ERP system in CV. Blessing. The output of this research supports its business process becomes efficient especially in inventory department

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