

ABSTRACT

DESIGN OF ERP SYSTEM OF HALAL SUPPLY CHAIN MANAGEMENT FOR FOOD INDUSTRY IN PURCHASE MODULE USING ASAP METHOD (CASE STUDY: VANNISA BROWNIES)

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Indonesia is the country with the largest Muslim population in the world. At present, growth in halal product and food sectors is very high. This can be a potential for Indonesia to become the center of global halal industry. One way to support it is by conducting a certification process quickly and transparently. Vannisa Brownies is a company engaged in the food production, that is cakes. Vannisa Brownies uses halal standard and certifications that set by the MUI Fatwa Commission and LPPOM MUI and also compose the Halal Assurance System (HAS) manually and is documented according to company's real conditions.

This research focuses on the ERP-based halal SCM system for procurement business process which developed by using Odoo's Purchase Module with ASAP method. The result of this research is the design of ERP-based halal supply chain management system for food industry which are integrated for purchase, manufacturing and sales & distribution modules. This system is one way to ensure halal integrity in food supply chain processes (procurement, production and sales) quickly and transparently so that it can support Indonesia to become the center of global halal industry.

Keywords: halal SCM, ERP, halal integrity, Odoo, purchase, ASAP method.