

ABSTRACT

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

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Halal ERP is a system that refers to Islamic sharia law namely Al-Qur'an and Hadist to determine the standardization of processes and data needed. The manufacturing module is one of the modules that has a critical limit to state whether the product produced is halal or not. Indonesia, which consists of 80% of its population is Muslim, has become a demand for companies to be able to provide products, especially in the field of food and beverages that have been guaranteed halal. Halal manufacturing is a system that provides data to the company whether the processed product material meets the halal standards in accordance with LPPOM MUI halal standards or commonly referred to as the Halal Assurance System (SJH). This research was conducted to design a Halal manufacturing system using the Accelerated SAP (ASAP) method with a case study: Vannisa Brownies. This research includes several stages including: interviewing, observing, analyzing and designing a system description by customizing the manufacturing module.

The results of this study are in the form of an OpenERP (Odo) system that has been customized according to business processes in the company and the Halal Assurance System (SJH) is expected to be a system that can monitor the halal products processed in the production process and make it easier for companies to report halal certification that must be sent to LPPOM MUI every 6 months.

Keywords: ERP Odo, Halal manufacturing, Accelerated SAP (ASAP)