

ABSTRACT

Indonesia is one of the largest archipelagic countries in the world. At this time, the growth rate in the food and beverage sector such as restaurants is enough to attract the attention of the Indonesian people. This can be an impetus for the food and beverage industry to label every food and beverage with standards that have been tested in Indonesia such as the Food and Drug Supervisory Agency (BPOM). The POM Agency is a non-ministerial agency that carries out government affairs in the field of drug and food control. De Braga Restaurant is a company under the auspices of the Artotel Group which is engaged in the food and beverage sector. De Braga uses BPOM labeling on every raw material they buy which aims to serve quality and healthy food, and this will be adjusted to the existing business processes at de Braga restaurant. In the operation of the existing system at the De Braga restaurant which still carries the semi-manual concept where there are several processes that have not been integrated with each other such as the procurement process, production process, sales process to the payment process, by not being integrated with each other then problems were obtained in the form of recording the process of raw materials which are still manual and supplier selection which is still manual and has not been integrated with other processes that exist in the hotel restaurant. The right solution to deal with this problem is to design an Odoo-based ERP (Enterprise Resource Planning) system that will make the raw material procurement process at the De Braga restaurant integrated with the production, sales, and payment processes. The software used is Odoo which is an ERP-based open-source software that can facilitate the process of configuration, customization, and system design. The configuration process carried out includes configuration of the company profile, configuration of user access rights on odoo, the configuration of the purchase module, and configuration of the inventory module in addition to the customization process carried out including customization of the request for quotation form, customization of the Purchase Order form, customization of the request report. for quotation, customization of purchase order form reports, and customization of the inventory module. In addition, odoo also has several modules that can be applied to design a system for this hotel restaurant and the module used is

purchasing as the process of procuring materials in restaurants. The purchasing module explains the process of raw materials to be purchased starting from the selection of suppliers to the process of receiving raw materials which will later be forwarded to the production process at the De Braga restaurant. In conducting this research, the author applies a method that is useful as a stage or reference for researchers in building an Odoo-based ERP system, the method applied is RAD (Rapid Application Development) where this method consists of a process of requirements planning, system design, and implementation, as well as the output of this research, is an odoo-based ERP system that can integrate processes at the de Braga Hotel Bandung restaurant. With the design of this odoo-based ERP system, it can make the existing processes in the restaurant from the procurement of raw materials, production, sales, and payments be integrated with each other which will make the productivity of the restaurant run in a structured manner supported by an integrated system and process. reporting that will be documented in real-time by an Odoo-based ERP system.

Keywords: ERP, Odoo, Open-Source Software, Procurement, Rapid Application Development, ERP Implementation.