ABSTRACT

DESIGN OF ERP SYSTEM FOR ODOO BASED BILLING PROCESS WITH RAPID APPLICATION DEVELOPMENT (RAD) METHOD IN RESTAURANT AT DE BRAGA HOTEL

Indonesia is a country that has the largest islands in the world. Currently, business growth rates in the culinary sector such as restaurants are quite rapid and attract the attention of the Indonesian people. This can be a boost for the culinary industry in various places, especially tourist destinations such as Bandung in West Java. de Braga Restaurant is a company under the auspices of the Artotel Group which operates in the culinary sector located in Bandung.

In operating the system at the de Braga restaurant, it carries a semi-manual concept, where there are several processes that have not been integrated with each other, such as the billing process, which has not been integrated, so there are problems in the form of payments that are still manual, recording monthly income results that are still manual and forecasting food and beverage sales for the following month which cannot be obtained in real time at De Braga Restaurant. The right solution to handle this problem is to design an Odoo-based ERP (Enterprise Resource Planning) system which will help the process of procuring raw materials at the de Braga restaurant more effectively and efficiently. In designing the ERP system, the software used is Odoo, which is open source ERP-based software that can facilitate the process of configuration, customization and system design. The configuration process carried out includes configuring the Company profile, configuring Odoo user access rights, configuring the billing module

The research was carried out by collecting data, both primary and secondary data obtained directly from de Braga Restaurant, then analyzing and creating an ERP system design to support business activities at de Braga restaurant.

The research results show that to achieve effectiveness and efficiency in administrative management of business processes at de Braga Restauran it is necessary to apply information technology in the form of an ERP system based on Odoo.

*Keywords — **ERP, Odoo, Open-Source Software, Billing, Rapid Application Development, ERP Design***