ABSTRACT

Inventory management is crucial for restaurants to ensure a smooth production and sales process. However, the Alam Mutiara restaurant in Lampung faces several problems such as a lack of raw material management applications, cumbersome manual records, and inflexible raw material reports. To overcome this problem, you can use the RAD (Rapid Application Development) method with a system conceptual model. This method was chosen because of its flexibility, ease of implementation, short development time, and low cost. This research was carried out by one person, so RAD was the right choice. In addition, this research will also be tested using black box testing and load testing. Important features needed to solve problems at Alam Mutiara are automatic input and output of goods, monitoring of stocks, and generating automatic reports. Thus, employees can be more efficient in managing raw material inventory. The results of this study provide significant benefits, especially for warehouse employees, increasing the overall efficiency and effectiveness of business processes. In addition, this research is also useful for other researchers who wish to develop information systems in inventory management. With the proposed inventory management application, it is hoped that Alam Mutiara restaurants can optimize their operations and increase customer satisfaction by providing consistently available food and beverages.

Keyowrds: ***management inventory, raw material, restaurant, rapid application development, website***