

ABSTRACT

IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING FOR SALES AND PURCHASE TRANSACTIONS AT THE BAROKAH 354 CRACKER SHOP USING THE RAPID APPLICATION DEVELOPMENT METHOD

Oleh

Taqiyyah Alimah Munafah (21103104)

Toko Kerupuk Barokah 354 located in Pasar Pemda, East Cikampek, Karawang Regency, is currently still running a manual business process, which causes several obstacles, such as slow service and irregularity in recording transactions. This research aims to implement Enterprise Resource Planning (ERP) using Odoo software version 17.0 to manage point of sale and purchase transactions at Toko Kerupuk Barokah 354. ERP implementation is expected to assist in store operations by providing an integrated and automated cashier and recording system. The method used in this research is Rapid Application Development (RAD) which consists of several stages, namely Requirements Planning, workshop design, implementation, and User Acceptance Test (UAT) testing. The implemented modules include Point of Sale (PoS) and Purchase, which function to record sales and purchase transactions in real-time, thus facilitating transaction recapitulation and reporting. ERP implementation using Odoo at Barokah 354 Crackers Shop has been successfully implemented. The UAT test results show a percentage score of 89% which is included in the excellent criteria, indicating that users have a positive interpretation of the ERP system implementation. The developed ERP system integrates all transaction data, inventory, and financial reports in one platform, accesses data in real-time, and improves accuracy and consistency of information.

Keyword: *Business Process, Enterprise Resource Planning, Odoo, Point of Sale, Purchase, Rapid Application Development, User Acceptance Test.*