

INTISARI

Penelitian ini membahas implementasi modul Manufacturing berbasis Enterprise Resource Planning (ERP) menggunakan Odoo pada sistem peternakan ayam petelur dengan metode Accelerated SAP (ASAP). Tujuan penelitian ini adalah untuk meningkatkan efisiensi dan akurasi pengelolaan produksi, mulai dari pencatatan ayam DOC, konsumsi pakan dan vitamin, hingga pencatatan hasil produksi telur. Proses implementasi dilakukan melalui tahapan ASAP, yaitu Project Preparation, Business Blueprint, Realization, dan Go-Live. Analisis GAP digunakan untuk membandingkan kondisi proses bisnis yang berjalan dengan proses bisnis yang diharapkan, sehingga sistem yang dikembangkan dapat memenuhi kebutuhan operasional secara optimal. Hasil penelitian menunjukkan bahwa integrasi modul Manufacturing dan Inventory pada Odoo mampu mengotomatisasi pencatatan stok, mengelola Bill of Material, dan memantau proses produksi secara real-time. Selain itu, penerapan sistem ini meningkatkan transparansi, akurasi data, dan efisiensi penggunaan sumber daya, sehingga mendukung pengambilan keputusan manajerial secara lebih efektif.

Kata Kunci : ERP, Odoo, Manufacturing, Inventory, ASAP, Peternakan Ayam.

ABSTRACT

This study discusses the implementation of the Manufacturing module based on Enterprise Resource Planning (ERP) using Odoo in a layer chicken farming system through the Accelerated SAP (ASAP) methodology. The purpose of this research is to improve efficiency and accuracy in managing the production process, starting from recording DOC chickens, feed and vitamin consumption, to documenting egg production results. The implementation process follows the ASAP stages: Project Preparation, Business Blueprint, Realization, and Go-Live. A GAP analysis is conducted to compare current business processes with the desired future state, ensuring that the developed system meets operational requirements. The results indicate that the integration of Odoo's Manufacturing and Inventory modules successfully automates stock recording, manages the Bill of Material, and monitors the production process in real time. Moreover, this implementation enhances transparency, data accuracy, and resource efficiency, thereby supporting more effective managerial decision-making.

Keywords: ERP, Odoo, Manufacturing, Inventory, ASAP, Poultry Farming.

