

## **ABSTRACT**

### **ANALYSIS OF REFERENCE DESIGN FOR SHOES MANUFACTURING USING TOGAF ADM APPROACH TO INBOUND LOGISTIC, OPERATION AND OUTBOUND LOGISTIC FUNCTIONS WITH ERP REFERENCE**

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Manufacturing is a raw material for both semi-finished products and ready-to-use products. Manufacturing has many types, one of the manufacturers that can produce good values is manufacturing shoes. Therefore, every shoe manufacturing company must be able to carry out business functions as well as possible so they can compete with other similar companies.

In general, shoe manufacturing company cannot use the system to improve processes in the inbound logistic, operation and outbound logistic processes. The company must be able to harmonize existing information technology with the business. In this study, the rules of corporate architecture so that information technology and business can consistent.

The enterprise architecture design will be carried out using the TOGAF ADM framework which has total of 9 phases. However, in this study only used four phases, the *preliminary phase*, architectural vision, business architecture, information system architecture (consisting of data architecture and application architecture) and technology architecture. Outputs will be produced, namely architectural reference models based on Odoo using the TOGAF ADM approach

which is expected to be able to use information technology for the functions of inbound logistic, operation and outbound logistic in shoe manufacturers.

Keywords: Manufacturing, Enterprise Architecture, Inbound Logistics, Operation, Outbound Logistics, TOGAF ADM, Blueprient, Odoo.