

## **ABSTRACT**

# **DESIGN OF ARCHITECTURE REFERENCE FOR PROCUREMENT FUNCTION USING APPLICATION OF SAP, ODOO, AND OPENBRAVO IN STUDY CASE CV. GRADIENT**

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To align information technology with business processes the company needs to plan Enterprise Architecture (EA). This study uses the TOGAF ADM method with preliminary phase limitations, architecture vision, business architecture, information system architecture, and technology architecture. In this study TOGAF ADM was chosen as a reference framework and research analysis because it is best practice, systematic, and more detailed compared to other EA frameworks. To facilitate, accelerate, and reduce class risk in the design of EA, an ERP application reference model is needed, namely SAP, Odoo, and Openbravo. The ERP application reference model was chosen in this study because it can integrate and automate business processes in the company and is based on the advantages and disadvantages of each application. The results of this study are the Odoo application architecture reference model on the procurement function because it can meet the needs of the company in achieving company goals.

**Keywords:** Enterprise architecture, procurement, TOGAF ADM, Odoo.