

---

## ACCEPTANCE ANALYSIS OF ENTERPRISE RESOURCE PLANNING SYSTEM USING UNIFIED THEORY OF ACCEPTANCE USE OF TECHNOLOGY (CASE STUDY: PT DAYA ANUGRAH MANDIRI AREA WEST JAVA)

Surya Cahyadi

*Information Systems Department, Polytechnic PIKSI Ganesha*

---

### Abstract

This study discusses the analysis of the Odoo ERP acceptance at PT Daya Anugrah Mandiri (PT DAM) using the UTAUT approach model developed by Venkatesh et al in 2003. The purpose of this study was to determine the acceptance of the Odoo ERP system for PT DAM employees and to determine the factors -factors that affect the acceptance of the Odoo ERP system for PT DAM employees. The method used in this research is the Unified Theory of Acceptance Use of Technology (UTAUT). The population in this study were 654 employees of PT DAM in the West Java area from 4 divisions consisting of the Operations Division in the West Java area, After Sales, Operational Support and Finance Accounting. The sampling technique used by the researcher are the Slovin method and descriptive statistical approach. Total respondents obtained as many as 266 of 654 employees. The data processing carried out in this study using AMOS 24. Hypothesis testing in this study was conducted to examine the effect of the usability of the Odoo ERP system service and the ease of use. The results showed that age and experience had a positive and significant effect on most of the causal relationships between the dependent and independent variables and ease of use had a positive and significant effect on the acceptance of the Odoo ERP system

**Keywords:** Odoo ERP, AMOS 24 , UTAUT , PT DAM, Slovin

---

### Introduction

#### Implementing ERP systems in Corporate Organizations

Implementing an ERP system in a company organization was certainly complicated and the attention of stakeholders where the decision-making process for implementing ERP takes quite a long time, especially inside developing existing ERP systems and migrating from the existing .

There are many considerations that must be taken into account, including:

- The cost of implementing an ERP system.
- Required Human Resources.
- Risk management perspective are related to the level of success in the process data migration from the previous ERP system.
- The success rate of acceptance from employees as users.

#### Unified Theory of Acceptance and Use of Technology (UTAUT)

The UTAUT model adopts and developed from a combination of several models acceptance of pre-existing technology, such as: Theory of Reason Action (TRA), Theory of Planned Behavior (TPB), Motivational Model (MM), Model of PC Utilization (MPCU), Innovation Diffusion Theory (IDT), Technology Acceptance Model (TAM), Social Cognitive Theory (SCT) and a combination of TAM and TPB (Michael Sonny, 2016).

UTAUT is a technology acceptance model developed and created by Venkatesh, et al in 2003. Venkatesh, et al found that there are four variables which has a significant effect on the variable behavior intention and use behavior. The variable is performance expectancy, effort expectancy, social influence and facilitating conditions.