

ABSTRACT

DEVELOPMENT OF THE SADAR (SECURITY AWARENESS DOMAIN AND RESOURCES) FRAMEWORK ON CAPACITY METRICS BASED ON THE USE OF PRODUCTS ERP IN THE BANKING INDUSTRY

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The implementation of ERP (Enterprise Resource Planning) products in a company influence success and failure in its implementation. One way to anticipate the failure of ERP products in the company is by increasing information security awareness. Awareness is the starting point for all employees of an organization in pursuing and understanding the security knowledge of the company's internal systems. In terms of information security awareness, the human element is the most important element. This study was designed to determine the effect of information security awareness on the implementation of ERP in the company and the factors that led to the implementation of ERP failed.

By developing previous research using the SADAR (Security Awareness Domain and Resources) framework, the attributes used were individual antecedents, environmental antecedents, and institutional antecedents. The design of this study is quantitative with a hypothesis. The method used in this study is a research method using questionnaires with inferential statistical analysis. The metrics used in this study are metrics capacity which is a company's track record.

Based on the analysis of the data obtained, on environmental antecedents, peer performance and religious indicator have a positive influence on information security awareness on bank employees. The corporate environment has a major influence on employee performance in the use of ERP systems, especially in terms of corporate information security awareness.

Keywords: *information security awareness, ERP, framework.*