

ABSTRACT

Perum Bulog is a state-owned general company engaged in food logistics which has scope of logistics business, survey and pest control, supply of plastic sacks, transportation business, food commodity trade and retail business. Bulog also has several tasks, namely to maintain the basic price of purchasing for grain, to maintain price stability, especially the cost of goods, poor rice distribution (Raskin) and stock management. In carrying out its duties, Bulog has 11 units: Internal Audit Unit, Corporate Secretariat, Strategic Research and Planning Center, Education and Training Center, Risk and Compliance Management Center, Procurement, Operations and Public Service, Commercial, Business and Industrial Development, Finance, And General.

Odoo is one of the ERP applications that provides a variety of business process solutions that exist in the company. Odoo is an ERP application that is not open or open source. In the Odoo application can be adjusted or customized in accordance with the needs of Perum BULOG. Customizations and customizations are in the fields and buttons of the Odoo app. The method used in this research is Accelerated SAP (ASAP) method because by using ASAP method more efficient in the use of time and cost when compared with other method. The ERP system development process at Perum BULOG begins with analyzing companies such as business processes that are continuously on Perum BULOG and analysis on existing business processes in the Odoo application. After analyzing the two business processes, GAP analysis will be the basis of the proposed business process design.

Keywords: *Enterprise Resource Planning*, ERP, ASAP Methodology, Modul *Purchase Management*, Odoo