ABSTRACT

PT. Brodo Ganesha Indonesia is a company engaged in the manufacturing industry. This company was established in February 2010. This company located at Jl. Gudang Utara no. 40 B, Bandung. The problems that exist in PT. Brodo is purchasing activities, where the activities are not well documented. Consequently, it is difficult to make a report to the purchase. Therefore, it is necessary to do the development and design of an information system that can support the purchasing activities at PT. Brodo Ganesha Indonesia.

The system that will be developed and implemented is ERP-based system that is Odoo with PostgreSQL as its database. ERP system that is Odoo with PostgreSQL database.

Development and design of this system using the RAD (Rapid Application Development). Things that the author to do is looking for the gap between business process in PT. Brodo Ganesha Indonesia with business process in ERP systems that generates business process target. Subsequent analysis is done by comparing the form in the PT. Brodo Ganesha Indonesia to form the Odoo ERP systems using UML (Unified Modeling Language).

Key Words : ERP, *Purchase Management,* Odoo, RAD

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