

ABSTRACT

Enterprise Resource Planning (ERP) is a computer-based system informasi that can integrate data between functionality in a company. OpenERP is one that is open source software that can help apply the ERP system. Modules within OpenERP can help companies run their business processes.

Sugar Factory Jatibarang under the auspices of PTP Nusantara IX, located in Brebes. Jatibarang Sugar factory can produce 800 tons of sugar every year. Sales of sugar through an auction process by setting the initial price by the government. The process of presenting information on the sale of sugar are still using Microsoft Excel so that difficulties in the form of archive data retrieval, data recording is repeated each division, the absence of data backup and availability of information that does not fit.

This study uses the Sales and Distribution module in OpenERP. The design features of Sales and Distribution at OpenERP using the Soft Systems Methodology (SSM). SSM is a research method that can solve the problem of a change in thinking alternative system (system thinking) and learning with a stakeholder approach. SSM has 7 stages of research that is the problem, the depiction of the problem (rich picture), root definition, conceptual model, comparing the conceptual model of the real world, change, and implementation.

Keywords : ERP, OpenERP, Soft System Methodology, Sales and Distribution