

ABSTRACT

Jaya Abadi Hardware Store is one of the trading companies that sells many kind of building materials which located on Jl. Ciganitri Tengah Desa Cipagalo Kec. Bojongsoang Kab. Bandung. The process undertaken in this company is the sale of building materials and purchases of building materials to suppliers as inventory that does not have an integrated system yet between sales, purchases, and inventory of building materials. The process of purchase transactions record and materials inventory in this store is not done, it is only relying on supplier repayment memorandum and sales records to company data. The existence of a computerized application will allow users to know the accurate information system associated with the purchasing process and materials inventory. The method used is perpetual system method and final inventory valuation with FIFO method. Software development in this final project is using a structured model consisting of Use case diagram and Entity Relationship Diagram (ERD). The programming language uses the CodeIgniter and MySQL database. The advantage of this application is it allows us to perform data storage automatically and minimize the occurrence of wrong transactions. This application can record data from the purchases records and purchases return materials which can be presented in the form of reports such as general journal, general ledger, stock cards, purchase reports, and purchases return reports.

Keywords: purchases, inventory, FIFO perpetual, CodeIgniter, and MySQL.