

ABSTRACT

CV Saudara Mulya Bersama is a manufacturing company that was founded in early 2017. This company is engaged in women's clothing convection which is located in Baleendah Permai, Padi Endah Raya Street 3B No 37, Bandung Regency, West Java. In its financial records, CV Saudara Mulya Bersama is still doing it manually or using Microsoft Excel. With this recording, transaction data and reports are not integrated and are still scattered in several different files. In this case, a discrepancy between the report and the physical inventory can occur. The resulting financial statements also cannot be presented in real-time or in other words cannot be seen directly when there is an increase or decrease in inventory. The development of the application system used is the Software Development Life Cycle (SDLC) system with the Waterfall method, the design process uses Unified Modeling Language (UML) and Entity Relationship Diagrams. The programming language used is PHP, MySQL Query language, and the CodeIgniter Framework. In this application, testing is also carried out using the Blackbox method. This application has the functionality to calculate inventory using the Economic Order Quantity (EOQ) method so that it can optimize the inventory of raw and auxiliary materials. This application can also generate general journals, general ledger, good receipts, good issues, and purchase reports.

Key Words: inventory, direct material, purchase, indirect material, application, codeigniter.