ABSTRACT

UD Selly Sagala is subsidized fertilizer retailer in Rokan Hulu. The company was doing inventory and sales records manually. Recording of inventory was done manually by checking the goods in the warehouse and data recapping on a piece of paper. Well as sales activities, recording is done manually, which record every transaction on the sales invoice and perform calculations recap of sales by using a calculator. This can lead the miscalculations of inventory and sales invoices easily lost and damaged. The company also does not have the financial statements but merely collects the sales invoices and do the calculations manually.

A Web-Based Applicatons is built to help companies to manage inventory and sales. Application users consist of warehouse, sales and settlement admin, and accounting. It embodies the perpetual inventory method of recording and using First In First Out (FIFO) to determine the value of inventories. Tools used in the making of the application are use PHP programming and MySQL database. The method of software development use Software Development Life Cycle (SDLC) with waterfall. Based on test results using balck box testing, results obtainable functionality has been run on 100% for functionality to manage the purchase of fertilizers, manage the sales of fertilizers, as well as generate reports in the form of jurnals, ledgers, stock card, and gross profit.

Keywords: Applications, purchase, sales, inventory, FIFO, UD Selly Sagala