

ABSTRACT

Bundaku Pharmacy is a trading company, which was selling the medicine. The process of medicine sales in pharmacies Bundaku is already using the application, the application Bundaku pharmacy sales medicine. However, the application is difficult for an employee when using these applications because of frequent error in the application, example during the sales transaction process often discrepancies in the database, the data is already sold medicine often do not reduce the quantity of on the database medicine. Then the application does not handle the cost of sales, cost of goods turnover of medicine calculated manually by calculating 20% of medicine purchasing data, then the report is generated only reports sales so that the owners trouble to find out the profit or loss of the company. With these problems then made application calculating the cost of goods sold using the perpetual method first in first out (FIFO) and medicine sales transactions in cash intended to help users in the sales process so that the data that has come out of drug sales can reduce the quantity in the database. The method used in the development of this system is a prototype model and for system design using Unified Modeling Language (UML). Web-built application with php programming language using CodeIgniter framework and MySQL database. The application also generates journals, ledgers, trial balance and income statement.

Keywords: Sale of cash medicine, FIFO, perpetual, Cost of Goods Sold, CodeIgniter framework