

ABSTRACT

Jatisari pharmacy is a place for selling drugs. In jatisari have 2 business process like buying drugs and selling drugs. With that kind of process sometimes causing many problems. This application is made to resolve that problem using Frist In Frist Out stock management method, record buying activity, selling activiry and create accounting reports in the form of journals and ledgers. The execution of this application with structured programming method, constructed with Waterfall SDLC method using the programming language PHP and MySQL database. Database design created using Entity Relationship Diagram (ERD) dand Data Flow Diagrams (DFD), based on testing System and software desaign, Implementation and unit testing, integration and system testing, and blackbox testing the functionality of the output produced in this application successfully display output such seling record, buying record, stock management record, Journal and Ledger. Accordingly, this application can help Jatisari to manage the data

Keywords: stock management, FIFO, Web based application