ABSTRACT

CV. Hidup Baru Bandung is a manufacturing company that produces bread. Every day total production reached 10.000 units bread. The raw materials required in the manufacture of bread is flour, sugar, salt, butter, yeast, calcium and instant plus. The company didn't record any inventory of raw materials so that complicate the process of ordering raw materials and production processes. Recording the inventory can be done with the perpetual FIFO method to record any mutations that occur in raw material inventory. Web-based applications created with functionality record raw material inventories using the FIFO stock cards, debt presents a report based on the purchase of raw materials on credit and displaying journals and ledgers associated with the supply of raw materials. Development of this application using a structured method that consists of Context Diagram, Data flow diagrams (DFD), Entity Relationship Diagram (ERD), data dictionary, and process specifications.This created a web-based application using the programming language PHP, MySQL basis data, and testing was conducted using Blackbox Testing.

keyword: web based application, inventory and purchasing of raw materials, FIFO stock card, reports