

ABSTRACT

Bandung rural bank (BPR) is one of the financial institutions that is engaged in financial services which primarily is collecting funds and channeling credit to the public. Bandung rural bank is a regional public company (PERUMDA) or a regionally owned business entity (BUMD) in the city of Bandung. In this Bandung rural bank there is a cooperative which has the main activity of buying and selling merchandise. The purchase process is carried out to meet customer needs. Constraints are companies that have applications to help record purchases and sales of goods that can be used to record purchases and sales besides that there is no company application that stores data on employees who make cash or employee loans to buy goods in cooperatives still manually with a notebook and then the data on employees who make cash or loans at the end of the month are reported to be deducted from their salaries according to the price of goods purchased by the cooperative. Therefore, the solution needed by the company is an application that can purchase, sell and loan employees to buy merchandise at the Bandung rural bank cooperative. The purpose of this application is a purchase report, displays journals, ledgers, employee loans or cash advance and makes it easier for financial cooperatives to provide information about purchasing reports and cooperatives to companies to cooperatives. The method used in the application is the System Development Life Cycle (SDLC), in which the analysis stage is carried out by depicting a rich image and BPMN. For the code stage, the sublime text application using the Hypertext Preprocessor (PHP) programming language is used. For the codeigniter web database framework using MYSQL. To develop the application using Unified Modeling Language (UML) and Entity Relationship Diagram (ERD). Based on the objectives, this application has been able to record all purchase and sale transactions, and can also display stock cards, journals, ledgers, sales reports, purchase reports and employee data records who make employee loans or cash bills to buy goods in cooperatives and produce other accounting reports such as trial balance report and income statements. profit and loss balance, to be informed to the owner.

Keywords: Web-based applications, Buying and selling, PHP, MYSQL