ABSTRACT

SMAN 1 Ciasem Cooperative is a cooperative whose membership consists of school teachers and students, which one of its activities, ie sales and purchases of goods. Cooperative SMAN 1 Ciasem in the activities of sales and purchases of goods has a lot of constraints including lack of detailed recording of transaction data, inventory system is poorly controlled, then the problem described by a system that is supported by a special application of sales and purchases of goods that are well integrated.

The approach used in research is a structured approach that uses several tools and construction techniques, such as flowmap, context diagrams, and Data Flow Diagrams (DFD). And the development model used is the Waterfall model. Where is the Waterfall model is a sequence of activities undertaken in the development of systems ranging from the determination of problems, needs analysis, design implementation, integration, system testing, implementation and maintenance. This model offers a way of making software more real.

With the application of sales and purchases are single user make it easier for parties to make record sales and purchases, sales and purchase data, simplify data searches, and preparing reports. Also more time efficiency is guaranteed. using Visual Basic programming language and database SQL 2000, is expected to ease in managing the entire data cooperative, so the school or institution can achieve those objectives

Keywords: Sales and Purchases, Waterfall, VB 6.0, SQL Server 2000