ABSTRACT

Inventory system is a system for managing inventory in the warehouse. Inventory system is now widely used by companies developing in general. Especially in terms of data management stuff.

P.T. XYZ is a growing company that operates as a distributor of bread in Bandung in which activities are effective and good performance should be maintained and improved. Like managing, search, entry and exit flow of goods and report the data items (bread) when it's needed.

Based on these problems, the company has a desire to better utilize information technology through the development of an inventory system, because the system of data management activities goods (bread) in storage at this time have not felt up by the company. This inventory system using FIFO (First In First Out) to regulate the entry and exit flow of goods (bread) to the warehouse.

Software development model used in this inventory system is waterfall and UML (Unified Modeling Language) as a data flow model. PHP programming language, and database MySQL. The system is built with the concept of user friendly, so the system is made with an easy to understand interface and made attractive.

Keywords: Inventory, FIFO, UML, Waterfall Model.