ABSTRACT

Shop Zahra Book in running its business, requires a warehouse to store inventory. The process of recording the data of goods is still manual, by being recorded in the accounting book, so that there is often a loss of inventory data. As for other weaknesses, making inventory reports is still manual, by recording data on books, which makes the process of making goods reports long. With the existence of an application, it allows users to quickly find information on inventory items, facilitate the recording of goods data, and facilitate the creation of goods inventory reports. Method of recording inventory using the first in first out (FIFO) method. For software development in this study using a structured model consisting of UML (Unified Modeling Language), BPMN (Business Process Model and Notation). Programming language using PHP*, codeigniter framework and MySQL database. The positive impact of making this application is that all Zahra Book goods data recording processes are computerized, so that the data is safer. This application can record data starting from item data, supplier data, item category data, user data, inventory data, send branch items and goods inventory reports.*

Keywords: Inventory, UML, BPMN, Fifo, PHP*, MySQl.*