

ABSTRACT

The process of recording inventory items is a method of grouping items based on the expiration date, room, and other conditions in order to facilitate the use and collection of goods in the room. Inventory process facilitates data collection personnel to monitor and document goods inside and outside of the room.

The inventory in the world of work is a must activity. Each organization or company generally has the same internal data collection process depending on facilities there which is called inventory, warehousing whatsoever. In principle, the inventory system is a hierarchical system of grouping items according to the structure of each organization or company. Internal data collection mechanism generally requires a system grouping items such as data collection process goods inside and outside of the room, checking the condition of the goods, as well as data archiving numbering for goods. Conditions that require work to be efficient and practical as well as high employee communication results in poor work especially in terms of data collection procedures or collection of goods called inventory.

Therefore, the final project titled “*Android-based Inventory Application*” was built to help through data collection and classification of goods. Although there are computers to support inventory work, in fact the work of inventorying goods still have problems. Therefore, it is an application that can move goods from the data collection procedures manual and inefficient to be practical in a single electronic application.

The results of this final project is an application to read the code of goods in the form of QR code and Android-based system that can support the collection of goods. The final project is built using the CORE of Google ZXing library. Implemented using the Java programming language with Eclipse as the software, use the MySQL database and other supporting software.

Keyword: *Inventaris, Core Google Zxing, Eclipse, MySQL.*