ABSTRACT

Every warehouse requires control to make sure that the items in the warehouse are equal to the data record. In other word, to eliminate the shrinkage stock in warehouse. This control is also needed for the hospital medicine warehouse where the consumable parts of the hospital operational equipments are stored. To minimize that event, safety stock can be the problem solver, and also can help the head of warehouse for making policy in their warehouse. The procurement process in medicine warehouse is done in the beginning of the period. Thus, the total purchase has to be able to meet the needs of the related period. Planning and control are needed to this procurement system. Currently, the business processes especially for procurement is still using manual systems or conventional system. It consumes much time, human resources and cost and also its consistency and accuracy are weak as well.

To overcome these problems, an effective and solutive information system can be applied to make the data input, data collecting, processing, and reporting easier and more reliable. The medicine warehouse was developed using waterfall methods, and UML are used for system analysis and design, as well as PHP and SQL for the programming language.

The result of the RSUD Kota Bandung medicine warehouse information system development can help to accelerate the bussiness process, fasten the report process, validate the data and cost effective.

Keywords : Inventory Management, safety stock, medicine warehouse, consumable parts, procurement, hospital, waterfall, UML, PHP.