

ABSTRACT

In this globalization era, it is easier for people to access any information they needed through the internet. Related to the results of the data infographics, nearly a quarter of the population in Indonesia has been using this internet technology. The information system was mostly built using the PHP programming language and also using MySQL for database design. This phenomena lead to this study focusing on the making of an application of web-based information system for inventory and ordering system products for uniform products of PD.Devi Khusus.

The first step is to make the design of system design using graphical notations such as the Unified Modelling Language (UML). This design involves four actors which have different activities namely admin, store, convection and user. So that the design can produce good result, then applying the model of software development process called Rapid Application Development (RAD). The RAD system using component-based construction approach to produce a functional system. The stages are planning phase, design phase, construction phase and the implementation phase.

It is concluded that with using this kind of information system data collection in the warehouse and online shop based on web applying system development methods using RAD and providing graphical notation using UML, the employee and a business owner can easily access the data in the warehouse or in the shop because it connects by online system and also allows employees and business owners to see the availability of good items to stock the warehouse and goods that are sold in stores. In addition, it is easier for the company to manage the the whole production and distribution process, as well as consumers can purchase the products conveniently through the online shop.

Keywords – Information System, RAD, UML, Desaining