ABSTRACT

Department of health in every province in Indonesia is one of the regional work units (SKPD), which continues to develop the use of information systems in the Government, particularly in the health field. Based on the duties and functions as a health care system that requires department of health for developing systems management data of medicine throughout the health care center in the District / City. Public health centers (Puskesmas) as an institution whose mission improving public health must be actively involved in maintaining and improving health status. With the development of technology in the field of health, the Public health centers are required to greater professionalism in the workplace. Public Health centers as one of the public health-care institutions are mostly still lagging compared with hospital facilities in general, public helath centers requires the existence of a system of accurate information to improve services to patients as well as other relevant environment. With the support of information technology, manual processing in the Public Health Centers can be replaced using a computer. In addition the process does not require a long time, the processing of data has also become more accurate and avoidance of human error. Of the existing problems will be made an application management system of madecine based on web in Public Health Center are built using PHP, MySQL, and CodeIgniter framework. The method used is the Software Development Life Cycle (SDLC) and working methods with waterfall and also these applications were tested using the method of black box testing to make sure every function runs according to the requirement. With the construction of this application, it can assist in managing of medicine in the Public Health Centers.

Keyword : The Managing Medicine, Information System