

ABSTRACT

Puskesmas Bakung is a sub-district health center located in the western bay of Bandar Lampung. Puskesmas bakung has a lot of manpower in various fields such as general practitioner, dentist, midwife, nurse, pharmacist, and others. Problems that often occur in the registration process patients still use the card / paper, this can lead to the registration process and the rolling of data because the administrative staff can not be found patient card. In addition, the data is not effective, medical data recording is done by writing in a small data book called a data register. The process of making reports and requests for drugs or referred to as LPLPO (Report on Usage and Drug Demand Sheet) is also still a problem for puskesmas. This is the report and its sources. The purpose of making this application in order to help pharmacists, doctors and midwives in doing the work so as to facilitate in doing their duties. The problem that often occurs in the patient registration process is still using the card / paper, this can lead to the registration process. The process of making reports and requests for medicine or referred to as LPLPO (Report on Usage and Medicine Demand Sheet) is also still a problem for puskesmas. This is the report and its source.

Based on these problems then made a medical record application and ordering of web based medicine at puskesmas built using PHP, MySQL, and Codeigniter framework. The research method used is Software Development Life Cycle (SDLC) with Prototype workmanship method and this application is tested using black box testing method to make sure every function goes according to need. With the construction of this application, it can help the implementation of drug management in health centers.

There are several features available in the application such as, drug add-on features, drug index, drug ordering, LPLPO, patient additions, patient index, added medical records, and medical record reports. From the black box test results, the features contained in the application has been running as expected.

Keywords: Medical Record, Medicine Order, LPLPO