ABSTRACT

PHARMACIES INFORMATION SYSTEM BASED CLIENT / SERVER CASE STUDY IN PHARMACIES STORM MEDIKA INDRAMAYU

By

LA DIEDI AKHRABIU
10105274

Apotek Taufan Medika which is located at Patrol street, village of Patrol, District. Patrol, Regency of Indramayu is a business entity engaged in the pharmaceutical field, data processing products, stock and service is still manual and need more employees as well as substantial funding is needed. So these pharmacies require an application that makes it easy for processing of their data so thattime, effort, and the funds needed to be reduced.

In the process of development, the pharmacy information system uses data analysis techniques to software development waterfall methods. For the method of data flow systems using structured methods that use DFD (Data Flow Diagram) in depicting functional model and ERD (Entity Relationship Diagram) to illustrate data model. The system builder software is a Delphi 7 with database MySQL server. Where the medicine data processing method FEFO (first expired - first out) which storage the medicine in combination with the nearest expiration FIFO (First in, first out), storage of the medicine based on the first entry.

After it is build an information system at Taufan Medical then it is conducted alpha and beta. Alpha testing use black box testing methods as well as beta testing is the testing ground to give questionnaires to employees at the Apotik Tufan Medika. The result can be concluded that the pharmacy information system could help employees at Apotek Taufan Medika in data processing and reporting medication, the transaction so that the performance of the employees get more leverage.

Keywords: pharmacy, medicine, manual process, FEFO, FIFO