MAKING A HEALTH INFORMATION SYSTEM DATABASE (MEDICAL INFORMATION SYSTEM) IN HOSPITALS WITH MySQL AND DELPHI BORLAND PROGRAMMING

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Abstract

Had been made medical information system of hospital with MySQL and Borland Delphi 7.0 program it's has been made. This function is handle record keeping of patient.

This system use database MySQL and application with Borland Delphi 7.0.

Result from experiment shows that medical information system give information about data of the patient in hospital and totally cost have payment from patient after get service.

Keywords: Medical information System
MySQL And programming BORLAND DELPHI

A. INTRODUCTION

Technological developments encourage humans to overcome various problems that arise around it with the aim to facilitate work and time efficiency. The hospital

is an institution that serves community in the field of health. In the hospital there are several parts who works in accordance with their respective functions and are interrelated, such as the receptionist is in

charge of the initial registration process for patients admitted to the hospital, polyclinic as a place for examining patients, pharmacies for taking drugs and etc.

Some hospitals in Indonesia are in recording process still uses manual method. In the process manual recording is possible to accumulate patient data because each part does not relate and exchange information the right solution in database applications. Its open source nature as well support by thousands and even millions of user communities on the Internet MySQL as a database software that is quite widely used. Other than that, capabilities that can be used on various operating systems too making MySQL the preferred database software. Also available mailing list and special homepage that provides tutorials and documentation complete. A database is

a software system that can generally be used to do processing in terms of defining, compiling, and database manipulation for various library applications.

Defining bases data includes specifications of data types, structures and restrictions of data that must be stored in the database. With the use of databases, problems in the manual recording process such as stacking patient data can be avoided because each part of the hospital can exchange information.

B. CONCLUSION

the purpose of making software (software) in the form of a database of health information systems (medical information system) in hospitals that contain medical history patients using MySQL and the Borland Delphi

programming language 7.0. This system is used to avoid the accumulation of patient data in the process of recording manually which often occurs because of each part hospitals cannot exchange information.

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