MEDICAL SUPPORT RESULT COMPLETENESS OF AN INFORMATION SYSTEM DESIGN FOR COVID-19 PATIENTS AFTER BEING HOSPITALIZED BASED ON VISUAL STUDIO 2010

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Abstract

This study aims To explain the medical support result completeness of an information system design for covid-19 patients after being hospitalized The research method used is a descriptive method by conducting observations, interviews, and literature review. The software method used is the Waterfall development method. From the results of this study, the following problems were found: The process of recording the completeness of the information system for the results of medical support for Covid-19 patients still in manual method so that the recording gets to be less successful, the time wasteful in recording since it still employments the manual method, the difficulty in making a completeness report because the completeness of the medical support results are written randomly, the identity of the medical support result is often not in accordance with what is proposed. Therefore, the researchers designed an information system for the completeness of the results of medical support for covid-19 patients after being hospitalized using Microsoft Visual Studio 2010 to make it easier for officers to process the completeness of medical support results.

Keywords : Design, Medical Support Results & Microsoft Visual Studio 2010

PENDAHULUAN

Along with the times, technological developments are also experiencing very rapid development, this has been proven by many of us who have taken advantage of these technological advances as daily activities. With this present day and progressively advanced innovation, numerous companies and other offices have started to move from manual frameworks to presently switch to utilizing progressively advanced innovation. By utilizing technology can be a support to complete the work to be more accurate and more efficient. Now technology is divided into several types and several systems, one of which is information system technology where the data that has been collected will be processed into information.

Information systems have an important role in the progress of companies and other agencies, with the support of a good information system, an agency can have a competitive advantage, one of which is in hospital institutions, which are now almost all hospitals in Indonesia and the world's systems are starting to move using technology that more modern.

Hospital is a health service institution that provides complete health services that provide inpatient, outpatient, and emergency services (Undang-undang Republik Indonesia nomor 44 tahun 2009 tentang rumah sakit). In hospitals, services to patients are divided into two forms of service, one of which is medical and non-medical services. Medical record service is one form of service that is included in the form of non-medical services in hospitals.

The medical record information system is a form of hospital management information system that plays an important role in