ABSTRACT

DEVELOPMENT OF PATIENT MEDICAL RECORD MANAGEMENT SYSTEM USING OPEN SOURCE ERP WITH QUICKSTART METHODOLOGY FOR HOSPITAL (CASE STUDY: SOREANG PUBLIC HOSPITAL)

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Soreang regional hospital is a government-owned hospital that has a strategic role to accelerate the improvement of public health in their areas, following the standards set in the regulation concerning minimum service standards in the health sector. To achieve these standards, Soreang regional hospital has several applications that are used to support business processes, but there are still several main functions in the business processes of Soreang regional hospitals that have not yet been digitized and integrated, one of these functions is the medical record. Soreang regional hospital still uses paper media in recording patient medical records which often raises various problems, such as the difficulty of finding documents stored in warehouses and also the loss of patient medical record documents. Based on these problems the use of a system to manage medical record data is a solution that must be immediately applied. The use of ERP systems can be a solution to the problems that exist at Soreang regional hospital. ERP systems offer the integration of processes and data using a single database. The ERP system design at Soreang regional hospitals uses Odoo Software which is an open-source ERP software. ERP system design at Soreang regional hospitals uses the QuickStart method which is one of the fastest and cheapest methods for implementing ERP. The implementation of the ERP system at Soreang regional hospital aims to create a patient medical record management system.

Keyword : Hospital, Electronic Medical Record, ERP, Odoo, QuickStart Method