

Governance of Online Electronic Patient Medical Records Distribution

Alzeta Rosdyana ^{1,*}, Kamila Najmil Khaira ¹, Yuda Syahidin ¹, Yuyun
Yunengsih ¹

* Correspondence Author: e-mail: alzetarosdyana04@gmail.com

¹ Health Information Management; Piksi Ganesha Polytechnic; Jl. Gatot Subroto, Bandung, Indonesia; (022) 87340030; e-mail: alzetarosdyana04@gmail.com, najmilkamila24@gmail.com, yuda.syahidin@piksi.ac.id, yoenyoen1903@gmail.com

Submitted : 10/04/2023
Revised : 15/05/2023
Accepted : 05/06/2023
Published : 30/09/2023

Abstract

The distribution of medical records at Kebonjati Hospital, particularly for online patients, still relies on a manual system, which hampers the data retrieval process. Therefore, the implementation of a computerized system is necessary. This study aims to design an information system for efficiently distributing outpatient medical records to online patients. The research methodology employed is descriptive qualitative, involving data collection through interviews and case studies. The system development approach utilized is Agile Software Development, encompassing planning, implementation, testing, documentation, deployment, and maintenance stages. The implementation was carried out using Microsoft Visual Studio 2012 and the Visual Basic programming language. The research successfully designed an information system for distributing outpatient medical records online at Kebonjati Hospital, tailored to the specific needs of medical record management. This information system applies the concept of clinical management by enhancing service quality and developing effective work plans to support hospital management objectives.

Keywords: agile software development, clinical governance, medical records distribution, information systems

1. Introduction

Hospital is an individual health service institution that provides inpatient, outpatient, and emergency services (Government Regulation of the Republic of Indonesia Concerning the Implementation of the Hospital Sector, 2021). Kebonjati Hospital was founded in 1943 which is located at Kebonjati No. 152, Bandung City, West Java.

A medical record is a document that contains patient identity data, examinations, treatment, actions, and other services that have been given to patients. Distribution of Electronic Medical Record data is an activity of sending Electronic Medical Record data from one service unit to another service unit in Health Service Facilities (Regulation of the Minister of Health of the Republic of Indonesia Regarding Medical Records, 2022).