

## ABSTRACT

**Title** : **AUDIT OF HOSPITAL MANAGEMENT INFORMATION SYSTEM BASED ON COBIT 5.0 (CASE STUDY: AULIA HOSPITAL PEKANBARU)**

**Name** : **Bisenov Rizqall Rayputra**

**Student Number** : **16101152610649**

**Faculty** : **Computer Science**

**Study Program** : **Information Systems**

**Education Level** : **Strata 1 (S1)**

**Advisor** : **1. Guslendra, S.Kom, M.Kom**  
**2. Fajrul Islami, S.Kom, M.Kom**

*Hospital management information systems are needed to optimize the performance of hospital employees in providing services and comfort for patients. The Hospital Management Information System (SIMRS) audit is required to comply with the system framework and refer to the Control Objective for Information and Related Technology (COBIT) standard. The COBIT framework provides a solution for each domain according to the performance values and user expectations values. This research focuses on system security with APO13 (Manage Security) and DSS05 (Manage Security Service) domains. This study uses a questionnaire distributed to 30 respondents. Resulted in the findings that the results of the SIMRS audit in each domain were very good and had a maturity level of 4 (Predictable Process).*

**Keywords** : *Audit, The Hospital Management Information System, COBIT 5, APO13, DSS05.*

## ABSTRAK

**Title** : **AUDIT SISTEM INFORMASI MANAJEMEN  
RUMAH SAKIT BERSARKAN COBIT 5.0 (STUDI  
KASUS: AULIA HOSPITAL PEKANBARU)**

**Name** : **Bisenov Rizqall Rayputra**

**Student Number** : **16101152610649**

**Faculty** : **Computer Science**

**Study Program** : **Information Systems**

**Education Level** : **Strata 1 (S1)**

**Advisor** : **1. Guslendra, S.Kom, M.Kom  
2. Fajrul Islami, S.Kom, M.Kom**

Sistem informasi manajemen rumah sakit sangat dibutuhkan untuk mengoptimalkan kinerja para pegawai rumah sakit dalam memberikan pelayanan dan kenyamanan untuk pasien. Audit Sistem Informasi Manajemen Rumah Sakit (SIMRS) diperlukan agar sesuai dengan kerangka kerja sistem dan mengacu pada standar *Control Objective for Information and Related Technology* (COBIT). Kerangka kerja COBIT memberikan solusi pada masing-masing domain sesuai dengan nilai performa dan nilai harapan pengguna. Penelitian ini fokus pada keamanan sistem dengan domain APO13 (*Manage Security*) dan DSS05 (*Manage Security Service*). Penelitian ini menggunakan kuesioner yang disebar kepada 30 responden. Menghasilkan temuan bahwa hasil dari audit SIMRS pada masing-masing domain sudah sangat baik dan mempunyai tingkat kematangan 4 (*Predictable Process*).

**Kata Kunci** : **Audit, Sistem Informasi Manajemen Rumah Sakit,  
COBIT 5, APO13, DSS05.**