

[Search](#)[Home](#) / [Archives](#) / [Vol 4 No 1 \(2022\): Journal of Information Systems and Informatics](#) / [Articles](#)

Tourism Application Information System Security Audit Using Cobit 5 Framework on Palembang City

Febriyanti Panjaitan

Universitas Bina Darma

Susan Dian Purnamasari

Universitas Bina Darma

Windi Melisa

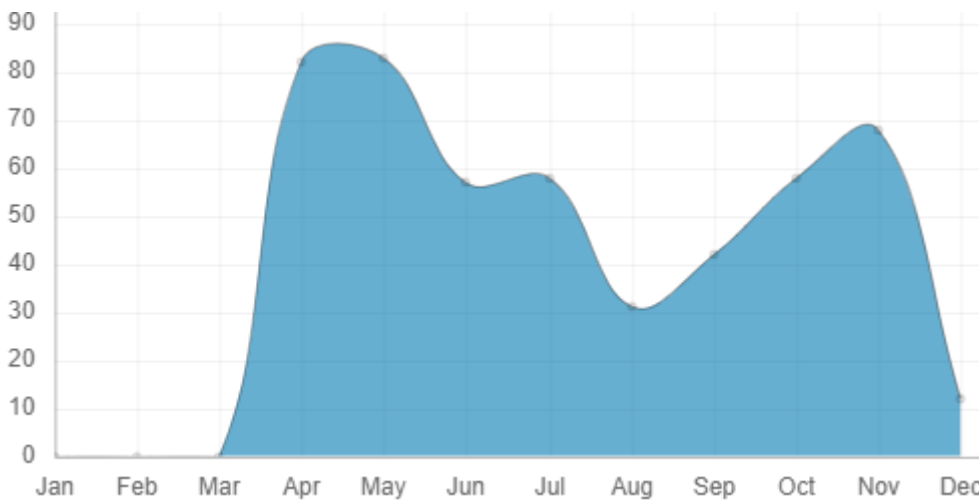
Universitas Bina Darma

<https://doi.org/10.51519/journalisi.v4i1.235>**Keywords:** cobit 5, DSS05, tourism

Abstract

Information technology is important in organizations so that the goals and expectations of the objectives of implementing IT can be achieved. The tourism office of the city of Palembang is an institution that has used information technology to help the continuity of their work. The tourism office of the city of Palembang has not conducted an audit of improving the security of the existing information system. Therefore, to avoid events that do not require an information security system audit. Cobit 5 framework that can be used as a reference for information system governance to achieve the expected goals. This study only discusses the security management process which includes the DSS05 (Delivery, service, and security) domain by collecting data using a questionnaire. The value of the level of security improvement to be achieved in the security system should reach level 5 and can provide recommendations that will be followed up by the institution to make improvements in the future.

Downloads



References

- R. T. F. Palar, Y. Rindengan, and S. R. Sentinuwo, "Analisa Kematangan Dinas Komunikasi dan Informatika Kota Manado Menggunakan Framework COBIT 5 Pada Domain Monitor, Evaluate and Assess," pp. 1–9, 2021.
- I. J. Aritonang, E. D. Udayanti, and N. Iksan, "Audit Keamanan Sistem Informasi Menggunakan Framework Cobit 5 (APO13)," *ITEJ (Information Technol. Eng. Journals)*, vol. 3, no. 2, pp. 6–10, 2018.
- C. Santosa and W. Widyawan, "PEMETAAN PENURUNAN TUJUAN COBIT 5 UNTUK AUDIT KEAMANAN SISTEM INFORMASI (STUDI KASUS: SISTEM INFORMASI AKADEMIK SEKOLAH TINGGI XYZ)," *ReTII*, 2015.
- D. Ciptaningrum, E. Nugroho, and D. Adhipta, "COBIT 5 sebagai Metode Alternatif bagi Audit Keamanan Sistem Informasi (Sebuah Usulan untuk diterapkan di Pemerintah Kota Yogyakarta)," *SEMNASTEKNOMEDIA ONLINE*, vol. 3, no. 1, pp. 1–2, 2015.
- P. P. G. P. Pertama and I. W. Ardiyasa, "Audit Keamanan Sistem Informasi Perpustakaan STMIK STIKOM Bali Menggunakan Kerangka Kerja COBIT," *J. Sist. dan Inform.*, vol. 13, no. 2, pp. 77–86, 2019.
- D. M. Efendi, S. Mintoro, and I. Septiana, "AUDIT SISTEM INFORMASI PELAYANAN PERPUSTAKAAN MENGGUNAKAN FRAMEWORK COBIT 5.0," *J. Inf. dan Komput.*, vol. 7, no. 2, pp. 31–36, 2019.
- Moh. Nazir, "Metode Penelitian," Ghalia Indones. Jakarta, 2011.
- D. Sugiyono, "Metode penelitian pendidikan pendekatan kuantitatif, kualitatif dan R&D," 2013.

e-ISSN: 2656-4882 p-ISSN: 2656-5935

Journal of Information Systems and Informatics

Volume 4, Number 1, March 2022

journal-isi.org
JOURNAL **ISI**

Organized by
The consortium of informatics lecturers
Published by DRPM - UBD

[Download PDF](#)

Published

2022-03-29



Abstract views: 602 times



Download PDF: 491 times

How to Cite

Panjaitan, F., Purnamasari, S., & Melisa, W. (2022). Tourism Application Information System Security Audit Using Cobit 5 Framework on Palembang City. *Journal of Information Systems and Informatics*, 4(1), 156-166.

<https://doi.org/10.51519/journalisi.v4i1.235>

[More Citation Formats](#)

Issue

[Vol 4 No 1 \(2022\): Journal of Information Systems and Informatics](#)

Section

Articles

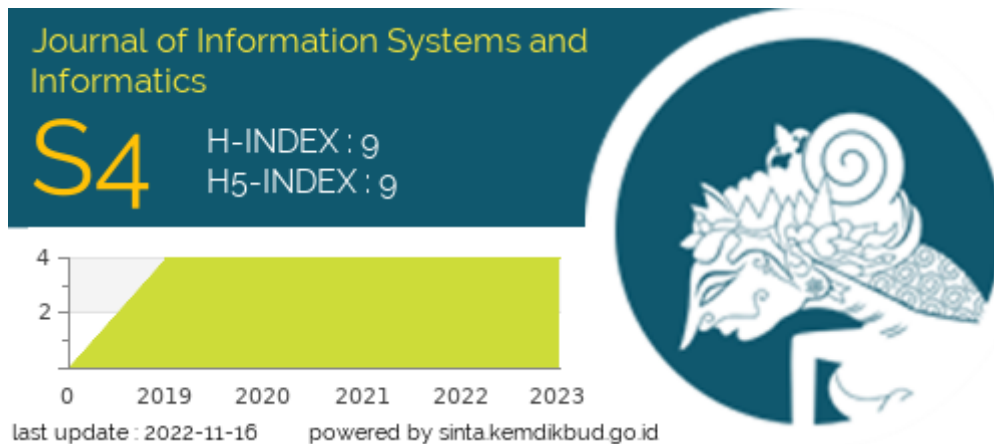
1. I certify that I have read, understand and agreed to the Journal of Information Systems and Informatics (Journal-ISI) submission guidelines, policies and submission declaration. Submission already using the provided template.
2. I certify that all authors have approved the publication of this and there is no conflict of interest.
3. I confirm that the manuscript is the authors' original work and the manuscript has not received prior publication and is not under consideration for publication elsewhere and has **not been previously published**.
4. I confirm that all authors listed on the title page have contributed significantly to the work, have read the manuscript, attest to the validity and legitimacy of the data and its interpretation, and agree to its submission.
5. I confirm that the paper now submitted is not copied or plagiarized version of some other published work.
6. I declare that I shall not submit the paper for publication in any other Journal or Magazine till the decision is made by journal editors.
7. If the paper is finally accepted by the journal for publication, I confirm that I will either publish the paper immediately or withdraw it according to withdrawal policies
8. I Agree that the paper published by this journal, I transfer copyright or assign some rights to the publisher (including commercial rights)

Most read articles by the same author(s)

- Andi Nur Sheila Fatihanisya, Susan Dian Purnamasari, [Penerapan Model Unified Theory Of Acceptance And Use Of Technology \(UTAUT 2\) Terhadap Perilaku Pelanggan E-Commerce](#)

[Shopee Indonesia Di Kota Palembang., Journal of Information Systems and Informatics: Vol 3 No 2 \(2021\): Journal of Information Systems and Informatics](#)

- Herikson Nainggolan, Febriyanti Panjaitan, Susan Dian Purnamasari, [Penerapan pengolahan data pada Network Attached Storage \(NAS\) menggunakan metode Freenas di Kantor Dinas Kebudayaan dan Pariwisata Provinsi Sumatera Selatan., Journal of Information Systems and Informatics: Vol 3 No 3 \(2021\): Journal of Information Systems and Informatics](#)
- Rizqi Prasetyo, Andri Andri, Susan Dian Purnamasari, Febriyanti Panjaitan, [Implementation of the Least Square Method for The Application of Population Growth Rate Prediction in Air Sugihan District., Journal of Information Systems and Informatics: Vol 4 No 2 \(2022\): Journal of Information Systems and Informatics](#)



...: Journal Menu ...

[Home](#)

[About the Journal](#)

[Submissions](#)

[Bestari Partners](#)

[Ethics Statement](#)

[Licensing and Copyright](#)

[Peer Review Process](#)

[Open Access & Archiving](#)

[Fee and Information](#)

[Privacy Statement](#)

Supported By



Article Template



ISSN



e-ISSN: 2656-4882

p-ISSN: 2656-5935

Reference Tools



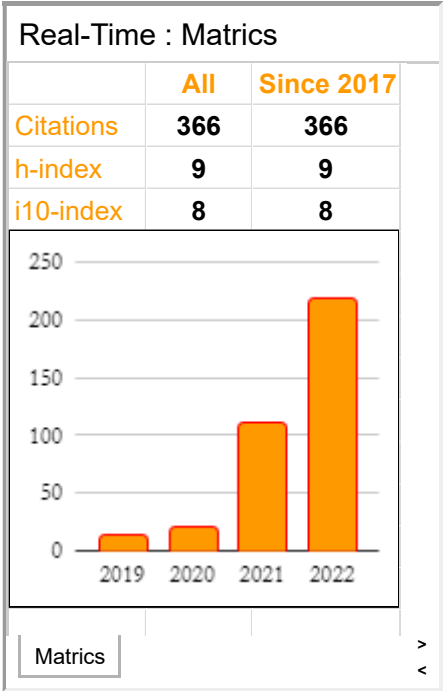
Journal Indexing



DOAJ
DIRECTORY OF
OPEN ACCESS
JOURNALS



Journal Achievement



Our Visitors

00109788

[View Details](#)



Licensed under a [Creative Commons Attribution 4.0 International License](#).