



P-ISSN : 2621 - 2536  
E-ISSN : 2621 - 2544

Vol. 3 No. 2 (2020)

# Applied Information System and Management (AISM)

Applied Information System and Management (AISM)

# Information systems

### Publisher/Editorial Address

Department of Information System,  
Faculty of Science and Technology,  
Universitas Islam Negeri (UIN)  
Syarif Hidayatullah Jakarta  
Faculty of Science and Technology Building,  
3rd Floor, 1st Campus, Universitas Islam Negeri  
(UIN) Syarif Hidayatullah Jakarta  
Jl. Ir. H. Juanda No.95, Cempaka Putih,  
Ciputat Timur, Kota Tangerang Selatan,  
Banten 15412, Indonesia.

### Website

<http://journal.uinjkt.ac.id/index.php/aism>

### Contact

Phone : +62 21 74019 25/+62 749 3315  
E-mail : [aism.journal@uinjkt.ac.id](mailto:aism.journal@uinjkt.ac.id)

### Indexed by



## Applied Information System and Management (AISM)

P-ISSN : 2621 - 2536  
E-ISSN : 2621 - 2544

In collaboration with:



# **Applied Information System and Management (AISM)**

Fakultas Sains dan Teknologi UIN Syarif Hidayatullah – Jakarta

Vol. 3 No. 2, Oktober 2020

P- ISSN: 2621-2536

E- ISSN: 2621-2544

---

## **Chief Editor**

Dr. Qurrotul Aini, MT

## **Redaktur**

Eva Khudzaeva, M.Si

## **Editor (Penyunting)**

Nia Kumaladewi, MMSI  
Nur Aeni Hidayah, MMSI  
Meinarini Catur Utami, MT  
Yuni Sugiarti, M.Kom  
Eri Rustamadji, M.Sc  
Evy Nurmiati, MMSI  
Elvi Fetrina, MIT

## **Sekretariat**

Sofia Arrahmani

## **Alamat Penerbit / Redaksi**

Program Studi Sistem Informasi  
Fakultas Sains dan Teknologi UIN Syarif Hidayatullah  
Jl. Ir. H. Djuanda No. 95, Ciputat 15412  
Telp / Fax. (021) 7493545 / (021) 7493315  
Website: <http://journal.uinjkt.ac.id/index.php/aism>  
E-mail: [aism.journal@uinjkt.ac.id](mailto:aism.journal@uinjkt.ac.id)

Applied Information Systems and Management (AISM) is a peer-reviewed, scientific journal published by Department of Information Systems State Islamic University (UIN) Jakarta in The aim of this journal is to publish the quality articles which are ideas between academics and practitioners, it focuses on the practice, philosophy and methodological concerns of information systems (is) and management. its scope covers a critical view of the information system, development, implementation, strategy, management and policy issues.

AISM will be published twice a year (2 issues/year). The journal provides archival-quality papers that advance the state-of-the-art and practical applications of IT-enabled technologies and IT-based service management. It also brings accessible articles describing original research in the inherently interdisciplinary world of Information Technology and Information Systems. Theoretical research contributions (presenting new concepts and techniques) and applied contributions (reporting on experiences and experiments with actual systems) are encouraged.



**Applied Information System and Management (AISM)**  
Fakultas Sains dan Teknologi UIN Syarif Hidayatullah - Jakarta

Oktober 2020

Vol. 3 No. 2

**DAFTAR ISI**

69-78

Implementasi Kriptografi Dengan Algoritma Advanced Encryption Standard (Aes) 128 Bit Dan Steganografi Menggunakan Metode End of File (EOF) Berbasis Java Desktop pada Dinas Pendidikan Kabupaten Tangerang  
**Anggraeni Eka Putri, Aghistina Kartikadewi, Lina Audina Abdul Rosyid**

79-86

Design and Analysis of Qurban Management Information System (SIMAQ) (A Case Study)  
**Oviani Viandari, Qurrotul Aini**

87-92

Penilaian Kematangan Proses Pengembangan Perangkat Lunak Menggunakan Capability Maturity Model Integration Roadmaps  
**Muhammad Isa Wibisono, Karmilasari, A'ang Subiyakto**

93-100

The Influence of Corporate Communication Strategy and Customer Value Creation Toward Creation of Reputation (Case Study)  
**Syaifuddin**

101-106

Evaluasi Manajemen Risiko Teknologi Informasi Menggunakan Framework COBIT 5 (Studi Kasus: PT PLN P2B Jawa Bali)  
**Muhammad Kamal Sani Firdaus**

107-112

Development of Web-based Spatial Information System Tourism Industry Event Distribution (Case Study: DKI Jakarta)  
**Muhammad Syaifullah Mahfudz, Zainul Arham, Eva Khudzaeva**

113-118

Evaluasi Tata Kelola Teknologi Informasi Menggunakan COBIT 5 (Studi Kasus: Direktorat Jenderal Sumber Daya Air Kementerian Pekerjaan Umum dan Perumahan Rakyat RI)  
**Richardy Affan Sojuangon Siregar**

119-123

Model Satisfaction Users Measurement of Academic Information System Using End-User Computing Satisfaction (EUCS) Method  
**Nur Aeni Hidayah, Elvi fetrina, Alvali Zaqi Taufan**

