ISSN 2443-2555 (online)
ISSN 2598-6333 (print)

Journal of Information Systems Engineering and Business Intelligence

Volume 4 Number 1, April 2018

Editorial Team

Editor-in-Chief

Indra Kharisma Raharjana, S.Kom., M.T.
Universitas Airlangga, Indonesia

Editorial Board Members

Ahmad Hoirul Basori, S.Kom., M.Sc., Ph.D.
King Abdulaziz University, Kingdom of Saudi Arabia

Daniel Oranova Siahaan, S.Kom.,M.Sc.,P.D.Eng.
Institut Teknologi Sepuluh Nopember, Indonesia

Ira Puspitasari, S.T., M.T. Ph.D.
Universitas Airlangga, Indonesia

Dr. Javad Khamisabadi
Islamic Azad University, Islamic Republic of Iran

Lanto Ningrayati Amali, S.Kom.,M.Kom., Ph.D.
Universitas Negeri Gorontalo, Indonesia

Dr. Mujiono Sadikin, S.T., M.T., CISA
Universitas Mercu Buana, Indonesia

Nur Aini Rakhmawati, S.Kom., MSc.Eng., Ph.D.
Institut Teknologi Sepuluh Nopember, Indonesia

Dr. Rimuljo Hendradi, S.Si., M.Si.
Universitas Airlangga, Indonesia

Dr. Ummi Azizah Rachmawati
Universitas YARSI, Indonesia

Associate Editors

Ary Mazharuddin Shiddiqi, S.Kom., M.Comp.Sc.
The University of Western Australia, Australia

Aye Mon Tun, M.Sc.
University of Computer Studies, Myanmar

Badrus Zaman, S.Kom., M.Cs.
Universitas Airlangga, Indonesia

Diana Purwitasari, S.Kom., M.Sc.
Saga University, Japan

Dina Fitria Murad, S.Kom., M.Kom.
Universitas Bina Nusantara, Indonesia

Erick Fernando, S.Kom., M.S.I.
STIKOM Dinamika Bangsa, Indonesia

Eva Hariyanti, S.Si., M.T.
Universitas Airlangga, Indonesia

Faried Effendy S.Si. M.Kom.
Universitas Airlangga, Indonesia

Nasa Zata Dina, S.Kom., M.Kom., M.Sc.
Universitas Airlangga, Indonesia

Oscar Karnalim, S.T., M.T.
Maranatha Christian University, Indonesia

Purbandini, S.Si., M.Kom.
Universitas Airlangga, Indonesia

Tanty Oktavia, S.Kom, M.M.
Universitas Bina Nusantara, Indonesia

Copy & Layout Editors

Indah Yulia Prafitaning Tiyas, S.S.T., M.T.
Universitas Airlangga, Indonesia

Rachman Sinatriya Marjianto, B.Eng. M.Sc.
Universitas Airlangga, Indonesia

Taufik, S.T., M.Kom.
Universitas Airlangga, Indonesia

Support Staff

Eka Rachmawati Pujiastuti, S.Kom.
Universitas Airlangga, Indonesia

Siti Maulida Aisiyah
Universitas Airlangga, Indonesia

Secretariat
Program Studi Sistem Informasi
Fakultas Sains dan Teknologi Universitas Airlangga
Kampus C Jl. Mulyorejo Surabaya (6000115)
Telp. (031) 5936501, 5924614 Fax (031) 5936502

Publisher
Universitas Airlangga
http://e-journal.unair.ac.id/index.php/JISEBI

Journal of Information Systems Engineering and Business Intelligence is indexed/abstracted in Directory of Open Access Journals (DOAJ), Crossref, Google Scholar, SINTA (Science and Technology Index), Indonesian Scientific Journal Database, Portal Garuda IPI, Bielefeld Academic Search Engine (BASE), Indonesia OneSearch, and Microsoft Academic.

ISSN 2443-2555 (online)
ISSN 2598-6333 (print)

Journal of Information Systems Engineering and Business Intelligence

Journal of Information System Engineering and Business Intelligence (JISEBI) focuses on Information System Engineering and its implementation, Business Intelligence, and its application. JISEBI is an international, peer review, electronic, and open access journal. JISEBI is seeking an original and high-quality manuscript. Information System Engineering is a multidisciplinary approach to all activities in the development and management of information system aiming to achieve organization goals. Business Intelligence (BI) focuses on techniques to transfer raw data into meaningful information for business analysis purposes, such as decision making, identification of new opportunities, and the implementation of business strategy. The goal of BI is to achieve a sustainable competitive advantage for businesses.

Areas of interest in Information System Engineering and Business Intelligence include but are not limited to the following topics:

- Software Engineering
- The Development, Management, and Utilization of Information System
- Organizational Governance
- Enterprise Resource Planning
- Enterprise Architecture Planning
- Knowledge Management
- Data and Text mining
- Data warehouse
- Artificial Intelligence
- Decision Support System

[This Page Intentionally Left Blank]

ISSN 2443-2555 (online)
ISSN 2598-6333 (print)

Journal of Information Systems Engineering and Business Intelligence

Volume 4 Number 1, April 2018

TABLE OF CONTENTS

The Influence of Organizational Culture in the Application of Information Technology Governance
Lanto Ningrayati Amali, Lillyan Hadjaratie, Sitti Suhada..... 1-10

Information Technology Adoption, Corporate Governance and Bank Performance
Umi Muawanah, Gunadi..... 11-17

Evaluation of Software Quality to Improve Application Performance Using Mc Call Model
Inda D Lestantri, Rosini..... 18-24

Hepatitis Diagnosis Using Case-Based Reasoning with Gradient Descent as Feature Weighting Method
Yufika Sari Bagi, Suprapto..... 25-31

Decision Table with Inventory Turnover Ratio to Solve Operational and Strategic Issues
Surjandy, Ita Ratnasari..... 32-38

Information and Communications Technology and Inventory Management amongst Breweries in Nigeria
Grace O. Akinola, Olusegun Timothy Odesola..... 39-45

Strategic Management for IT Services on Outsourcing Security Company
Lydia Wijaya, Indra Kharisma Raharjana, Endah Purwanti..... 46-56

Sentiment Analysis in the Sales Review by Indonesian Marketplace by Utilizing Support Vector Machine
Anang Anggono Lutfi, Adhistya Erna Permanasari, Silmi Fauziati..... 57-64

Intelligence Context Aware Mobile Navigation using Augmented Reality Technology
Ahmad Hoirul Basori, Abdullah M. Al-Ghalib Al-Sharif, Atiah O. Faraj Al-Oufi, Alaa Omran Almagrabi, Omar M. Barukab..... 65-72

[This Page Intentionally Left Blank]