

ISSN : 2252-7834 (PRINT)
2549-7448 (ONLINE)

IJID

Vol. 8, No. 2, December 2019

International Journal on Informatics for Development



Published by
Informatics Department

State Islamic University UIN Sunan Kalijaga Yogyakarta

IJID

International Journal on Informatics for Development

Volume 8, Number 2, December 2019

p-ISSN: 2252-7834

e-ISSN: 2549-7448

Editor-in-Chief
Muhammad Anshari

Managing Editor
Maria Ulfah Siregar

Associate Editor
Agung Fatwanto

Section Editor
Nurochman
Usfita Kiftiyani

Layout Editor
Ahmad Subhan Yazid
Nurochman
Usfita Kiftiyani

Address

International Journal on Informatics for Development
Informatics Dept. Faculty of Science and Technology
State Islamic University (UIN) Sunan Kalijaga
Marsda Adisucipto Street
Yogyakarta, Indonesia
Phone/Fax (+62 274) 519739/(+62 274) 540971
Email: ijid@uin-suka.ac.id
Website: <http://ejournal.uin-suka.ac.id/saintek/ijid/>

Editorial Board Member

1. Deokjai Choi, Chonnam National University, Korea
2. Dorothea Keine, Royalholloway University of London
3. Richard Heeks, The University of Manchester, UK
4. Wenny Rahayu, La Trobe University, Australia
5. Zarina Shukur, Universiti Kebangsaan Malaysia
6. Azhar Zam, University of Basel, Switzerland
7. Agus Zainal Arifin, Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
8. Muhammad Nabil Almunawar, University of Brunei Darussalam
9. Retantyo Wardoyo, Gadjah Mada University, Yogyakarta, Indonesia
10. Srikanta Patnaik, IRNet, India

Peer Review

1. Ahmad Fathan Hidayatullah, Islamic University of Indonesia, Yogyakarta, Indonesia
2. Ahmad Mustafid, Technische Universität Kaiserslautern
3. Bambang Sugiantoro, State Islamic University (UIN) Sunan Kalijaga Yogyakarta, Indonesia
4. Cahyono Sigit Pramudyo, State Islamic University (UIN) Sunan Kalijaga, Yogyakarta, Indonesia
5. Diana Purwitasari, Sepuluh Nopember Institute of Technology, Surabaya, Indonesia
6. Ganjar Alfian, Dongguk University, South Korea, Republic of Korea
7. Indah Agustien Siradjuddin, Trunojoyo University, Madura, Indonesia
8. Juhaidi Abu Bakar, UUM College of Arts and Sciences, Universiti Utara Malaysia, Malaysia
9. Muhammad Mustakim, State Islamic University (UIN) Sunan Kalijaga Yogyakarta, Indonesia
10. Muhammad Syafrudin, Dongguk University, South Korea, Republic of Korea
11. Muhammad Taufiq Nuruzzaman, State Islamic University (UIN) Sunan Kalijaga Yogyakarta, Indonesia
12. Muhammad Wakhid Musthofa, State Islamic University (UIN) Sunan Kalijaga Yogyakarta, Indonesia
13. Norma Latif Fitriyani, Dongguk University, South Korea, Republic of Korea
14. Rischan Mafrur, The University of Queensland, Australia
15. Shofwatul 'Uyun, State Islamic University (UIN) Sunan Kalijaga Yogyakarta, Indonesia
16. Suliana Sulaiman, Universiti Pendidikan Sultan Idris (UPSI), Perak, Malaysia
17. Yusuf Mufti, Department of Information and Computer Science, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, Saudi Arabia

IJID

International Journal on Informatics for Development

p-ISSN: 2252-7834

e-ISSN: 2549-7448

Volume 8, Number 2, December 2019

Development of Moodle-based Learning Media Using Blended Learning Methods in Graphic Design Subject	52-54
Evaluation of IT Service Management (ITSM) Using e-GovQual Dimensions Case Study Regional Office Ministry of Law and Human Rights DIY	55-63
Using Principal Component Analysis for Factor Analysis in Indonesian Automotive Industries	64-68
Design of Cloud Computing Based Gas Detection Systems using The NodeMCU ESP8266 Microcontroller	69-73
Evaluation of E-Government Using COBIT 5 Framework (Case Study of Sistem Database Pemasyarakatan Implementation in Ministry of Law and Human Rights in the Special Region of Yogyakarta)	74-83
Sentiment Analysis using Twitter Dataset	84-94
The Application of Intersection in the Set Theory for Instagram Hashtags	95-98
Implementation of Asynchronous Online Competency-based Learning: English for Informatics	99-107