

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



Journal of Information Systems and Informatics

Volume 4, Number 4, December 2022

The logo consists of the word "JOURNAL" in a large, dark gray sans-serif font, followed by "ISI" in a larger, bold, black and orange block. The "I" is black on the left and orange on the right, with a thin vertical line connecting them.

journal-isi.org

Organized by
The consortium of informatics lecturers
Published by Universitas Bina Darma

EDITORIAL TEAM

Editor-in-Chief

- **Assoc. Prof. Darius Antoni, Ph.D**, Universitas Bina Darma, **Indonesia**
ScopusID: [57202154493](#)

Editorial Boards

- **Asst. Prof. Wahyu Caesarendra, Ph.D**, Universiti Brunei Darussalam, **Brunei Darussalam**
ScopusID: [33067448100](#)
- **Asst. Prof. Anuradha Karunasena, Ph.D**, Sri Lanka Institute of Information Technology, Colombo, Sri Lanka,
ScopusID : [52163544800](#)
- **Asst. Prof. Muhammad Izman Herdiansyah, Ph.D**, Universitas Bina Darma, **Indonesia**
ScopusID: [56453417800](#)
- **Assoc. Prof. Nur Syufiza Ahmad Shukor, Ph.D**, Universiti Selangor, **Malaysia**
ScopusID : [35070493600](#)
- **Assoc. Prof. Ahmad Luthfi, Ph.D**, TU Delft University and Universitas Islam Indonesia, **Indonesia**
ScopusID: [55404839800](#)
- **Asst. Prof. Bagus Priambodo, Ph.D**, Universitas Mercu Buana, **Indonesia**
ScopusID =[56453417800](#)
- **Clara Maathuis, Ph.D**, Netherlands Defence Academy, **Netherlands**
ScopusID=[57193679249](#)
- **Assoc. Prof. Nahdatul Akma Ahmad, Ph.D**, Universiti Teknologi MARA, **Malaysia**
ScopusID =[56149792900](#)

Technical Editor

- Asst. Prof. Usman Ependi, M.Kom, Universitas Bina Darma, **Indonesia**
ScopusID: [57216691860](#)
- Asst. Prof. Ari Muzakir, M.Cs, Universitas Bina Darma, **Indonesia**
ScopusID: [57217065329](#)

TABLE OF CONTENTS

Title	Page
Sentiment Analysis of Customer Feedback Reviews Towards Hotel's Products and Services in Labuan Bajo <i>Henoch Juli Christanto, Yerik Afrianto Singgallen</i>  https://doi.org/10.51519/journalisi.v4i4.294	805-822
Analysis of Using Google Maps Data to Measure the Presence or Accessibility of Urban Facilities for BPS - Statistics Indonesia Classification of Urban and Rural Villages <i>Benny Firmansyah, Widya Sri Wahyuni</i>  https://doi.org/10.51519/journalisi.v4i4.337	823-832
Improving IT Team Motivation in Using IT Helpdesk <i>Cynthia Dewi Tanuraharja, Gunawan Wang</i>  https://doi.org/10.51519/journalisi.v4i4.342	833-848
Analysis and Design of Regional Tourism Information System “SIPARDA” of Morotai Island Regency <i>Yerik Afrianto Singgallen</i>  https://doi.org/10.51519/journalisi.v4i4.328	849-863
Web-Based Inventory Application and Prediction Using Naive Bayes Algorithm (Case Study: Puskesmas Kecamatan Sawah Besar) <i>Awalia Nurfaida, Riska Yulianty Ali Syabana, Triseti Abimanyu, Nurullah Husnafa</i>  https://doi.org/10.51519/journalisi.v4i4.348	864-878
Examining the Determinants of Continuance Intention to Use Mobile Payment Service <i>Ihsan Atmaji, Viany Utami Tjbin</i>  https://doi.org/10.51519/journalisi.v4i4.371	879-896
UI Design of Medical Check-Up Information System at Pratama Clinic Based on Design Thinking Method <i>Nana Misrina, Edi Supratman, Muhamad Ariandi, Maria Ulfa, Suyanto Suyanto</i>  https://doi.org/10.51519/journalisi.v4i4.372	897-907

Analysis of School Grouping Against Educational Teachers in NTB Using K-Prototypes Method 908-921

Gloria Milenda Jesika Prima, Charitas Fibriani



<https://doi.org/10.51519/journalisi.v4i4.378>

An Implementation and Evaluation of Web-Based Appointment System for the Mindanao State University – Main Campus 922-937

Azimah Disoma Ampuan, Reymark Devila Delena



<https://doi.org/10.51519/journalisi.v4i4.379>

Determining Promotion Priority Using TOPSIS on Trilogy University 938-948

Qassandra Chaidir, Rudi Setiawan



<https://doi.org/10.51519/journalisi.v4i4.383>

IT Support Website Security Evaluation Using Vulnerability Assessment Tools 949-957

Rio Armando, I G Ag Kom Agnam Melyantara, Rizma Elfariani, Desy Fitri Aulia Latuconsina, Muhammad Nasrullah



<https://doi.org/10.51519/journalisi.v4i4.330>

Deep Learning Model Analysis and Web-Based Implementation of Cryptocurrency Prediction 958-974

Gege Ardiansyah, Ferdiansyah Ferdiansyah, Usman Ependi



<https://doi.org/10.51519/journalisi.v4i4.365>

User Satisfaction Assessment of Final Project Supervisor Monitoring Information System Using User Experience Design Method 975-991

Fauzan Asrin, Yus Shoha



<https://doi.org/10.51519/journalisi.v4i4.368>

Analysis of Computer Network Performance on Communication and Informatics Office of West Sumbawa Regency Using Quality of Service Method 992-1007

Sabri Balafif, Ikhda Qurrata Aini



<https://doi.org/10.51519/journalisi.v4i4.373>

Information Technology Risk Control of University in a Work from Home Situations 1008-1018

Iqbal Santosa, Rahmat Mulyana



<https://doi.org/10.51519/journalisi.v4i4.393>

Evaluation of User Experience in Integrated Learning Information Systems Using User Experience Questionnaire (UEQ) 1019-1029

Arista Pratama, Asif Faroqi, Eka Prakarsa Mandayartha



<https://doi.org/10.51519/journalisi.v4i4.394>

Learning Vector Quantization 3 (LVQ3) Usage To Determine Recipients of the Family Hope Program (Case Study: Tanjung Lubuk District) 1030-1041

Muhammad Deni Alfani, Ilman Zubri Yadi



<https://doi.org/10.51519/journalisi.v4i4.374>

Analysis of Production Planning Problem in Palembang's Jumputan Industry Using Earlier Deadline First Algorithm 1042-1052

Shabila Fitri Aulia, Muhammad Izman Herdiansyah, Dedy Syamsuar, Ahmad Syazili



<https://doi.org/10.51519/journalisi.v4i4.415>

Local Government Project Assessment Application Using Group Decision Support System (GDSS) Model 1053-1062

Herri Setiawan, Dhamayanti Dhamayanti, Tasmi Tasmi



<https://doi.org/10.51519/journalisi.v4i4.410>

Analysis of Online Transportation User Satisfaction Using the Customer Satisfaction Index (CSI) and Important Performance Analysis (IPA) Methods In Palembang City 1063-1075

Merry Agustina, Vivi Sahfitri



<https://doi.org/10.51519/journalisi.v4i4.396>

Implementation of Web Service Fingerprint Attendance Machine on Employee Attendance Information System 1076-1093

Saracen Foust Badr, Muhammad Nasir



<https://doi.org/10.51519/journalisi.v4i4.382>

Implementation of Fuzzy C-Means and Topsis in College Rankings 1094-1111

Joko Purnomo, Sukemi Sukemi, Parwito Parwito



<https://doi.org/10.51519/journalisi.v4i4.409>

Design and Build of Road Damage Information System in Madiun Regency Using Web Development Life Cycle Methods 1112-1125

Dwi Nor Amadi, Pradityo Utomo, Arief Budiman



<https://doi.org/10.51519/journalisi.v4i4.412>

Academic Data Warehouse Modeling in Higher Education Using Nine-Step Design Methodology 1126-1134

Denny Jean Cross Sibombing



<https://doi.org/10.51519/journalisi.v4i4.399>

Analysis of Information Technology Governance Using COBIT 2019 Framework (Case study: PT. Bangkit Anugerah Bersama) 1135-1151

Steven Chrisdianta Putra, Agustinus Fritz Wijaya



<https://doi.org/10.51519/journalisi.v4i4.401>



p-ISSN

A standard linear barcode representing the print ISSN. Below the barcode, the numbers "9 772656 593007" are printed.

e-ISSN

A standard linear barcode representing the electronic ISSN. Below the barcode, the numbers "9 772656 488006" are printed.