e-ISSN: 2686-2573

### **Editor in Chief**

Alexander A. S. Gunawan Bina Nusantara University, Indonesia

#### **Associate Editor**

Widodo Budiharto Bina Nusantara University, Indonesia Derwin Suhartono Bina Nusantara University, Indonesia Lili Ayu Wulandhari Bina Nusantara University, Indonesia Bina Nusantara University, Indonesia Fergyanto E. Gunawan Arta Moro Sundjaja Bina Nusantara University, Indonesia Tota Pirdo Kasih Bina Nusantara University, Indonesia Tri Pudjadi Bina Nusantara University, Indonesia Wikaria Gazali Bina Nusantara University, Indonesia Edy Irwansyah Bina Nusantara University, Indonesia Margaretha Ohyver Bina Nusantara University, Indonesia

Gizela Nina Sevani Krida Wacana Christian University, Indonesia

# Language and Layout Editor

Heri Ngarianto Bina Nusantara University, Indonesia Eka Yanti Pangputri Bina Nusantara University, Indonesia Holil Bina Nusantara University, Indonesia

### Secretariat

Dewi Novianti Bina Nusantara University, Indonesia

## **Description**

EEMACS Journal is a triannual journal published in January, May, and September. The journal hosted by the Lecturer Resource Center (LRC) of Universitas Bina Nusantara. The journal contents are managed by the School of Computer Science, School of Information Systems, and Faculty of Engineering. EMACS Journal has been accredited by the Ministry of Research, Technology and Higher Education under the decree number 0041/E5.3/HM.01.00/2023 and has been indexed and abstracted by Science and Technology Index 4 (SINTA 4), Garda Rujukan Digital (Garuda), Google Scholar, Crossref. Manuscripts must be written in English with two columns format. There is no article-processing charge for all accepted papers and will be freely available to all readers with worldwide visibility and coverage.

## **Focus and Scope**

EMACS Journal invites academicians and professionals to write their ideas, concepts, new theories, or science development in the field of Information Systems, Architecture, Civil Engineering, Computer Engineering, Industrial Engineering, Food Technology, Computer Science, Mathematics, and Statistics through this scientific journal.

e-ISSN: 2686-2573

# **TABLE OF CONTENTS**

1.	Derwin Suhartono, Marcella Marella Ciputri, & Stefanny Susilo Machine Learning for Predicting Personality using Facebook-Based Posts	1-6
2.	Feliks Hartanto, Budiman Budiman, Eldwin Gwei, Alexander Agung Santoso Gunawan, & Ivan Sebastian Edbert  An Experiment to Prevent Malicious Actors from Compromising Private Digital Assets Over a Public Network	7-11
3.	Aan Albone Optimization of Fraud Detection Model with Hybrid Machine Learning and Graph Database	13-17
4.	Farhan Rifanto Hardjanto, Aldi Nugroho, Faridz Hidayat, & Muhammad Taufiq Zulfikar Goods Storage Rental Application (YourStorage) Using the React Native Framework	19-25
5.	Maria Artanta Ginting, Dani Suandi, & Yasi Dani Two-Layer Shallow Water Equations with Momentum Conservative Scheme for Wave Propagation Simulation	27-31
6.	Ivan Sebastian Edbert, Devita Azka Tsaniya, Bernico Constantino, Geary Riandy, Alvina Aulia, & Nadia Digital Game as A Media to Increase Cognitive Intelligence of 13-18 Years Old Teenagers	33-37
7.	Irma Kartika Wairooy, Ignatius Dillwyn, Kevin Putra Yonathan, & Andre Lay Development of Mobile QR Warehouse Management Application Based on Flutter and Firebase	39-44
8.	Nubli Hawari & Tanty Oktavia Design of An Intelligent Tutoring System – Student Model: Predicting Learning Style	45-53
9.	Ajeng Wulandari Comparing CNN Architecture for Indonesian Speciality Cuisine Classification	55-60
10.	Nyoman Ayu Gita Gayatri, Juan Xavier Soegiarto, Philips Sanjaya, Vincent Tanujaya, Nicholas Diporedjo, Aaron Medhavi Kusnandar, Justin Tjokro, & Yulyanty Chandra Calorie Tracking: A Mobile Application for Tracking Eating Patterns and Intake	61-68
11.	Michael Radius Kurniawan, Hadiyanto, Joe Daniansyah Pahlevi Zulkarnaen, & Christian Harito  Use Case Diagram for Enhancing Warehouse Performance at PT. MDA Through the Implementation of 5S, Economic Order Quantity, Safety Stock, and Warehouse Management System	69-78