

# **2023 10th International Conference on ICT for Smart Society (ICISS 2023)**

**Bandung, Indonesia  
6 – 7 September 2023**



**IEEE Catalog Number: CFP2313V-POD  
ISBN: 979-8-3503-3955-0**

**Copyright © 2023 by the Institute of Electrical and Electronics Engineers, Inc.  
All Rights Reserved**

*Copyright and Reprint Permissions:* Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

***\*\*\* This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP2313V-POD
ISBN (Print-On-Demand):	979-8-3503-3955-0
ISBN (Online):	979-8-3503-3954-3

**Additional Copies of This Publication Are Available From:**

Curran Associates, Inc  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: (845) 758-0400  
Fax: (845) 758-2633  
E-mail: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

CURRAN ASSOCIATES INC.  
**proceedings**  
.com

## Table of Contents

Maternal Health Risk Classification: Random Forest and Evolutionary Algorithms.....	1
<i>Doni Purnama Alamsyah, Yudi Ramdhani and Leni Susanti</i>	
SMART VILLAGE ACHIEVEMENT IN KASONGAN TOURISM VILLAGE, BANTUL REGENCY.....	7
<i>Hidayah Almasari and Rini Rachmawati</i>	
Utilization of SIKOJA Application (Jambi City Information System) in Supporting the Implementation of Smart Governance in Jambi City .....	12
<i>Gilang Andisa and Rini Rachmawati</i>	
Implementation of Notification Service on WebBased IoT Applications .....	17
<i>Dicky Antoni and Ahmad Nurul Fajar</i>	
Smart Waste Management Planning to Support The Implementation of Smart City in The New National Capital City of Indonesia.....	22
<i>Vina Ardelia Effendy, Yekti Wirani and Yudho Giri Sucahyo</i>	
A systematic literature review of recent trends and challenges in digital twin implementation .....	28
<i>Ikrar Adinata Arin, Meyliana, Harco Leslie Hendric Spits Warnars and Dina Fitria Murad</i>	
A Maturity Model for RegTech Adoption Process .....	38
<i>Arry Akhmad Arman, Adhitya Dwi Kristanto, Benny Firmansyah and Hanasa Shelviani</i>	
Analysis of Factors Influencing User Intention to Use Fitness Applications for Virtual Workout .....	44
<i>Lila Asfari and Putu Wuri Handayani</i>	
Blockchain Technology Framework for Universities .....	50
<i>Basem Assiri</i>	
Smart Government for Smart City: a review paper .....	56
<i>Hastie Audytra and Suhono Harso Supangkat</i>	
Mobility as a Service: A Problems and Research Opportunities .....	61
<i>Yusuf Ayuba, Suhono Harso Supangkat and Sony Sulaksono Wibowo</i>	
Design and Implementation of IoT-Based Smart Parking System in Campus Area .....	68
<i>Yoanes Bandung, M. Fahrel Naufal Aldiansyah, Muhammad Raflie Dwi Putra and Muhammad Ilyas Irfan Syiraaj</i>	
An NLP-based Malicious Destruction Recognition on Web-based Online Articles using Machine Learning.....	74
<i>Erika Ritzelle Bondoc, Bryan Dadiz and Jenelyn Aranas</i>	
Control and Data Integrity are Important Factors of Data Governance Technology.....	79
<i>Yakob Utama Chandra</i>	
User Experience on Augmented Reality Mobile Application for Promoting Asnaf Care....	85
<i>Azizah Che Omar, Norhana Yusof, Mohd Adib Abd Muin and Nurulnadwan Aziz</i>	

Assessing User Experience of Indonesian m-Health PeduliLindungi Mobile-Apps with the User-Centered Cognitive Walkthrough Approach .....	91
<i>Aang Darmawan, Eko Daryanto, Anik Anekawati, Kartini Kartini, Busro Akramul Umam, Rofiuddin Rofiuddin and Luluk Suhartini</i>	
Understanding e-Service Quality Dimension of Indonesian m-Health PeduliLindungi Mobile Apps with M-S-QUAL Framework .....	97
<i>Aang Darmawan, Eko Daryanto, Kartini Kartini, Anik Anekawati, Agus Komarudin, Mohammad Waa'il Al Wajieh, Ismail Abdurrozzaq Zulkarnain, Busro Akramul Umam and M. Burhanis Sulthan</i>	
An Interpretive Structural Model Approach to Strategic Management Modelling for Sustainable Smart Village Development in Indonesia .....	104
<i>Aang Darmawan, Muhsi Muhsi, Anik Anekawati, Halimatus Sakdiyah, Muhammad Yusuf, M Kautsar Sophan, Doni Ferdiansyah, Busro Akramul Umam and Jalil Dwi Kartony Abdul</i>	
Quality of Services Analysis of Multicast Tunnel System using Server Broker and Serverless .....	111
<i>Asyifa Nabila Detfi, Adiyasa Nurfalah and Muhammad Iqbal</i>	
Characteristics and Application of Intelligent Tutoring Systems: A Review .....	117
<i>Karina Djunaidi, Puji Catur Siswipraptini and Hengki Sikumbang</i>	
Design of Service System for Carbon Trading (Case Study : Bandung City) .....	124
<i>Muhammad Rizki Dwi Putra and Albarda Albarda</i>	
Development of Buffer Zone into Living Lab - Garuda Smart City Framework: Systematic Review .....	131
<i>Gunadi Emmanuel, Suhono Harso Supangkat, Ford Lumban Gaol and Benny Ranti</i>	
Sensing architecture in smart city: a review paper .....	139
<i>Mindit Eriyadi, Suhono Supangkat and Fadhil Hidayat</i>	
Eye Tracking In Usability Evaluation of User Experience on Enrichment Apps Web for Internship Program at XYZ University .....	146
<i>Andrew Eustasius Pirus, Jeffry Yulin, Muhammad Febryan Danuaji and Dyah Wahyu Sukmaningsih</i>	
Development of Biometric Face Recognition System for Digital Learning Authentication ..	152
<i>Delsina Faiza, Geovanne Farell, Vera Irma Delianti, Putra Jaya, Thamrin Thamrin and Rido Wahyudi</i>	
Smart Digital Marketing of Indonesia Conventional and Sharia Banks in Social Media: 7P Marketing Mix Perceptions of Twitter User .....	157
<i>Finorita Fauzi, Firdaus Alamsjah, Sri Bramantoro Abdinagoro, Elidjen Elidjen and Mts. Arief</i>	
A Review on Information Security Risk Assessment of Smart Systems: Risk Landscape, Challenges, and Prospective Methods .....	165
<i>Rokhman Fauzi and Jaka Sembiring</i>	

A Smart Fuzzy Decision Model for Anticipating Household Expenditure Shifts in Response to Fluctuating Fuel Prices in Indonesia .....	171
<i>Frans Fericia, Jeremy Ansellino Gunawan and Ditdit Nugeraha Utama</i>	
Enhancing Bankruptcy Prediction with Feature Selection in AdaBoost Algorithm.....	176
<i>Felicia Ferren and Felix Indra Kurniadi</i>	
Artificial Intelligence For Healty Aging : A Literature Review .....	180
<i>Tiur Gantini and Prof Armein Z.R Langi</i>	
Virtual Sensors Method and Architecture for a Smart Home Environment with Random Forest.....	187
<i>Aji Gautama Putrada, Nur Alamsyah, Syafriah Fachri Pane, Mohamad Nurkamal Fauzan and Doan Perdana</i>	
Smart Working Environment to Enhance Job Performance of Student-Workers in BINUS Business School Master Program .....	193
<i>Geraldi Gosal and Sekar Prasetyaningtyas</i>	
Internet of Things Implementation for The Industrial World In Developing Countries in The Digital Era .....	197
<i>Ali Gunawan, Jason Mikha Lisang and Muhammad Naufal Yuhandra</i>	
Decentralized Data Sharing using Searchable Encryption Database with Selective Data Retrieval.....	202
<i>Andre Gunawan, Ivan Tjuawinata, Kwok-Yan Lam and Chi-Hung Chi</i>	
Iworkout : Lets Workout & Gain Your Nutrition!.....	212
<i>Dion Osvaldo Hananto, Kelvin Sumarmo, Vincent Rolandy, Riccosan Riccosan and Felix Indra Kurniadi</i>	
Optimization Model PPM for Financial Goals with Machine Learning Literatur Review...	217
<i>Nisa Hanum Harani, Armein Z.R Langi and Arry Akhmad Arman</i>	
Smart Football : A Systematic Review for Constructing Optimum Team Formation in Football.....	224
<i>Steve Harnadi and Suhono Supangkat</i>	
Development of an Intelligent Carbon Emission Monitoring Methodology to Support Carbon Trading with A Design Thinking Approach: A Case Study in PT Paiton Energy .	230
<i>Neng Ayu Herawati, Kridanto Surendro and Erna Hikmawati</i>	
Unveiling the Power of ChatGPT: Transforming Face Detection with AI and AR .....	236
<i>Davy Ronald Hermanus, Danny Robert Hermanus, Johan Muliadi Kerta, Suhono Harso Supangkat, Fadhil Hidayat, Sasmoko and Yasinta Indrianti</i>	
Smart Guard Towns: Multi-Drone Systems with Deep Learning for Situational Awareness in Urban Management and Security .....	242
<i>Davy Ronald Hermanus, Fadhil Hidayat, Suhono Harso Supangkat, Yasinta Indrianti and Sasmoko</i>	
Empowering Smart Education through Computer Vision and the Internet of Everything (IoE) in Intelligent Smart School Transportation .....	248
<i>Davy Ronald Hermanus, Suhono Harso Supangkat, Sasmoko, Fadhil Hidayat and Yasinta Indrianti</i>	

Cell Free Mobile Communication in UAV System as Mobile Infrastructure Solution for Smart System Platforms: A Survey .....	254
<i>Benny Hidayat and Irma Zakia</i>	
Designing an Energy Tracker and Smart Home Solutions Using Design Thinking Methodology .....	260
<i>Siti Elda Hiererra, Victor Chandra, Jane Ivana, Jessica Lynn Wibowo and Faisal Asadi</i>	
Proposed Avatar Model for Sustainable Smart Tourism Growth: Systematic Literature Review .....	265
<i>Siti Elda Hiererra, Satria Mahardhika, Suhono Harso Supangkat, Fredy Purnomo, Meyliana Meyliana and Arief Ramadhan</i>	
Finding the Correlation of Health Issues and Age with Stroke using Machine Learning Algorithms .....	272
<i>Wilbert Wirawan Ichwan, Edward Alvin Koemanto, Dafa Ramadhan Syaidina and Nunung Nurul Qomariyah</i>	
Implementation of the Naïve Bayes Algorithm in Pest Prediction Systems .....	278
<i>Muhammad Imanudin, Ginanjar Adi, Adnan Tahtawi, Sofian Yahya and Eriyadi Mindit</i>	
Measurement of campus smartness: The development of Smart Campus Model .....	284
<i>Radiant Imbar, Suhono Harso Supangkat, Armein Langi and Arry Arman</i>	
Developing Instrument for Teacher Wellbeing Face Recognition Application .....	290
<i>Yasinta Indrianti, Sasmoko Sasmoko and Davy Ronald Hermanus</i>	
Development of Monitoring System Website Based on IoT Devices as a Solution to Plant Planting and Maintenance Process in Water Media .....	296
<i>Muhammad Irfan Syaqui and Ahmad Nurul Fajar</i>	
Analysis of Power Consumption Efficiency of ESP Microcontroller Operation in The Implementation of IoT-Based Agricultural Monitoring Systems .....	302
<i>Irga Irga, Fajar Rahayu Ikhwannul Mariati and Achmad Zuchriadi</i>	
Cybersecurity Assessment Framework: A Systematic Review .....	307
<i>Abassi Juma, Arry Akhmad Arman and Fadhil Hidayat</i>	
Clarifact-AI: Detecting Fake News in Indonesian Language with Natural Language Processing using BiLSTM and IndoBERT models .....	313
<i>Angeline Karen, Michael Christopher, Nunung Nurul Qomariyah, Ida Bagus Kerthyayana Manuaba and Andari Karina Anom</i>	
Comparison on the Performance of Low-Cost Soil Moisture Sensors in Beach Sand Soil ...	319
<i>Wilson Clay Kosasih, Dicky Hartanto Setiono, Ambrosius Calvin, Arjaya Pradipta Kretapradana, Nicolas Airel Valeriant Suwarno and Dany Eka Saputra</i>	
Enhancing Lithology Classification Performance through Random Forest, COPOD, and Bayesian Optimization .....	325
<i>Felix Indra Kurniadi and Rian Cahya Rohmana</i>	
Analysing Hoax Dataset in Indonesian Language with Topic Modelling .....	330
<i>Edward Matthew Kurniawan, Vania Natalie Aherman, Nunung Nurul Qomariyah, Ida Bagus Kerthyayana Manuaba and Andari Karina Anom</i>	

Diagnosing Diabetes Using Soft Voting Ensemble Machine Learning Model .....	336
<i>Christian Chandra Kusuma, Galang Nurbudi Utomo, Jessica Hidayat, Nathalia Chandra, Putu Agus Parimartha, Maria Susan Anggreainy and Ivan Halim Parmonangan</i>	
Does Corporate Governance Give Impact on Environmental Transparency: Evidence from High Polluting Companies in Indonesia .....	342
<i>Linda Kusumaning Wedari, Adam Gumanti and Devina Shelvira</i>	
Development of a Website-based Financial Transaction Management System using Agile with the Scrum Framework .....	350
<i>Ayu Latifah, Ayu Latifah, Galih Muhammad Ramdan, Muhamad Lutfhi Farid Sidik, Nadhif Faturrohman, Dzikri Nursyaban, Agus Ramelan and Fachrur Razy Rahman</i>	
Comparative Analysis of Neural Network Method on Stroke Prediction .....	356
<i>Jonathan Lee, Kartono Apriliyandi, Erwin Gunawan, Shilvia Meidhi Honova, Brigita Vanessa Salim, Maria Susan Anggreainy and Ivan Halim Parmonangan</i>	
Predictive Food Safety Risk Monitoring .....	362
<i>Nicholas Lee, Umamaheswari Vasanthakumar, Ruirui Chen, Chuanfeng Lee, Kwok Yan Lam, Siu Cheung Hui, Ron Kow, Benjamin Er, Muhd Tarmidzi Fua'Di and Kyaw Thu Aung</i>	
Design Smart Contract based on Blockchain for Peer-to-Peer Lending Platform .....	372
<i>Nilo Legowo, Nubli Hawari, Taruly Karlina, Eric Tanuwijaya and Kanda Mahendra</i>	
Digital Signage-Augmented Roadshow (DiSAR) .....	377
<i>Meng-Chew Leow, Lee-Yeng Ong and Jian-Wei Ng</i>	
Enhancing Family Nutrition in Aceh through Association Rules Analysis Utilizing Mixed Data Types .....	385
<i>Graciella Valeska Liander, Hasta Pratama and Fetty Fitriyanti Lubis</i>	
Machine Learning and the Prevention of Mass Shooting in the United States .....	391
<i>Arish Madataly, Benedictus Filbert Federico, Daniel Eric Phangandy, Nunung Nurul Qomariyah and Raymond Bahana</i>	
Development of Sundanese Stemmer Based on Morphophonemics .....	400
<i>Aries Maesya, Yulyani Arifin, Amalia Zahra and Widodo Budiharto</i>	
Unlocking User Satisfaction: Evaluating Stress Levels of Financial Technology Users in Indonesia through Sentiment Analysis .....	406
<i>Taufik Margocahyo, Muhardi Saputra and Riska Fa'Rifah</i>	
Determining the Main Symptoms of Lung Cancer with Machine Learning Methods .....	412
<i>Belinda Meylia, Christina Christina, David Gabriel Simanungkalit, Regina Faustine, Surya Dharma Setiawan, Maria Susan Anggreainy and Ivan Halim Parmonangan</i>	
Using Machine Learning to Analyse the Effect of Antiretroviral therapy (ART) on People with HIV .....	418
<i>William Jonathan Mulyadi and Nunung Nurul Qomariyah</i>	
DEVELOPMENT OF LABOR SHIFT SCHEDULE GENERATION SYSTEM USING GENETIC ALGORITHM .....	423
<i>Ahmad Dimas Abid Muttaqi, Yobel Galih Christian Dwiatma and Suharjito</i>	

An Analysis of Fintech Technostress and Its Impact on Smart Economy A Customer Review-Based Sentiment Analysis Approach.....	430
<i>Satria Adhy Nayoga, Muhardi Saputra and Riska Yanu Fa'Rifah</i>	
Identifying Breast Cancer's Nuclei Features for Machine Learning Prediction and Risk Factor Analysis .....	436
<i>Peter Nelson Subrata, Philipus Adriel Tandra, Vincent Yono, Nunung Nurul Qomariyah and Ida Bagus Kerthyayana Manuaba</i>	
Data Driven methods to predict vertical profiles of the rails: A Case Study .....	442
<i>Ade Chandra Nugraha, Suhono Harso Supangkat, Igb Baskara Nugraha, Yunendar Aryo Handoko, Dimas Wisnu Saputro and Awan Hermawan Purwadinata</i>	
Central Bank Digital Currency (CBDC) Information Technology System Design : A Literature Review .....	448
<i>Andi Nugroho, Suhono Harso Supangkat and Arry Akhmad Arman</i>	
Developing Smart Precision Farming Using Big Data and Cloud-Based Intelligent Decision Support System.....	454
<i>Aldian Nurcahyo, Haryono Soeparno, Ford Lumban Gaol and Yulyani Arifin</i>	
The Effect of E-Service Quality, Customer Experience, Price and Privacy on Customer Satisfaction on Telemedicine Application .....	460
<i>Rianto Nurcahyo, Cindy Lim and Damar Aji Irawan</i>	
Real-time AIS Anomaly Detection in Maritime Tactical Data System Using AIS/Radar Track Association Approach.....	466
<i>Adiyasa Nurfalah, Suhono Harso Supangkat and Eueung Mulyana</i>	
THE EFFECTIVENESS OF FREE ONLINE LEARNING .....	472
<i>Tanty Oktavia, Howie Ciuputra, Joshua Tianwin, Steven Steven, Vieri Aska Juneio Sembiring and Zaldy Raditya Ananta</i>	
INTEGRATION OF THE USE OF CONVENTIONAL TECHNOLOGY TOWARDS SMART HOME TECHNOLOGY FOR PEOPLE IN THE CITY OF JAKARTA .....	480
<i>Tanty Oktavia, Febian Wijaya Lintang, Gerald Christian Ongko, Griselda Valerie Michelle Benedicta, Vieri Aska Juneio Sembiring, Zaldy Raditya Ananta, Takaaki Hosoda and Ford Lumban Gaol</i>	
Sentiment Analysis Of Waste Management In Bandung With Naïve Bayes Algorithm .....	486
<i>Anggraeni Xena Paradita, Hanif Fakhurroja and Faqih Hamami</i>	
Implementation of Face Recognition in Presence System with Convolutional Neural Network Algorithm .....	492
<i>Muhammad Cekas Permana, Riska Yanu Fa'Rifah and Faqih Hamami</i>	
Development of Urban Data Sensing for Smart City Platform .....	498
<i>Okyza Maherdy Prabowo, Suhono Supangkat and Eueung Mulyana</i>	
Smart Working Environment of PT ABC to Support Business Performance Post Covid Condition.....	503
<i>Setyawan Pramono, Wahyu Ariwibowo, Aditya Pradhana and Sekar Prasetyaningtyas</i>	



Relocating On-street Parking to Smart Parking Structure for Optimizing the Commercial Shared Street in Yeonnam-dong, Seoul .....	512
<i>Ian Pranita</i>	
A Smart Campus Framework in Developing Countries: Systematic Literature Approach ..	518
<i>Sekar Prasetyaningtyas, Janita Meliala, Chairani Pratiwi and Ezra Peranginanginan</i>	
Social Media Sentiment Analysis for Local Water Company Customers Using a Support Vector Machine Algorithm .....	524
<i>Prastiani Prastiani, Hanif Fakhurroja and Faqih Hamami</i>	
Comparison of YOLOv8 and EfficientDet4 Algorithms in Detecting the Ripeness of Oil Palm Fruit Bunch.....	530
<i>Muhammad Reza Azhar Priyadi and Suharjito Suharjito</i>	
Design and Analysis of Fiber-to-the-Tower Network in the Cipulir Shopping Center Area .	537
<i>Thoriksyah Putra, Athaya Mahira, Rendy Christian, M Marchell Erniza Putra, Aditya Putranto, Zidane Ramadhan Zulkifli and Catur Apriono</i>	
Trespassing Detection System on a Smart Video Surveillance System for Level Crossing ..	542
<i>Rian Putra Pratama and Suhono Harso Supangkat</i>	
XLM-RoBERTa Model for Key Information Extraction on Military Document .....	546
<i>M. Faza Ilmanuddin Rachmadi, Salman Shalahuddin, Heru Permana, Urip Teguh Setijohatmo and Jonner Hutahaeon</i>	
Digital Twin Model for Smart Maintenance of Data Center Facilities : Study Literature Review.....	552
<i>Dani Ramdani, Suhono Harso Supangkat, Fadhil Hidayat and Michael Andreas Purwoadi</i>	
Creating an Accessible Future: Developing a Sign Language to Speech Translation Mobile Application with MediaPipe Hands Technology .....	558
<i>Melchizedek Recalde, Andre Losito, Manuel James Morillo, Ciandra Pancho, James Bonnel Reyes and Jenelyn Aranas</i>	
A Fuzzy-based Simple Smart Decision Model for Assessing Information Security Risk in Public Sector Organization.....	564
<i>Ayu Artaparamita Religia and Ditdit Nugeraha Utama</i>	
Reliable MAC Protocol for Tactical Radio Network Using Dynamic TDMA.....	569
<i>Riyanto Riyanto, Suhono Harso Supangkat and Iskandar Iskandar</i>	
SQUATS: Web-based Security System for Sta Philomena Residences Dormitel Using QR Code Technology with Analytics .....	573
<i>Eduardo Rodrigo, Vincent Aban, April Mae Estoesta, Eric Jacob Valencia and Froilan Jesus Zaguirre</i>	
Designing a Central Bank Digital Currency (CBDC) Retail Model as a Payment System..	579
<i>Nima Rohmalia and I Gusti Bagus Baskara Nugraha</i>	
Evaluating Trans Banyumas Services to Support Innovative Transportation Systems Towards Smart Mobility Approach .....	585
<i>Nabila Aminatun Salamah, Fauzan Romadlon, Famila Dwi Winati and Abdul Hamid</i>	

Pothole Detection on Urban Roads Using YOLOv8.....	593
<i>Saluky Saluky, Yoni Marine, Ahmad Zaeni, Ari Yuliati, Onwardono Rit Riyanto and Nurul Bahiyah</i>	
Smart Healthcare for Personalized Healthcare: Literature Review.....	599
<i>Gitarja Sandi, Suhono Harso Supangkat and Ermawati Ermawati</i>	
Impact of Social Media Marketing Towards Purchase Intention of Green Cosmetics in Indonesia.....	606
<i>Lim Sanny, Jessica Gabriella Ludony, Kezia Chandra, Glory Aguzman, Rianto Nurcahyo and Melvin Ninal</i>	
ANTECEDENT OF PURCHASE INTENTION ON GREEN PRODUCTS IN INDONESIA.....	612
<i>Lim Sanny, Willy Agung Saputra, Vincent Gunawan, Glory Aguzman, Yulieni Yulieni and Melvin Ninal</i>	
Value of Smart City Services in Improving the Quality of Life: A Literature Review.....	618
<i>Iqbal Santosa, Suhono Harso Supangkat and Arry Akhmad Arman</i>	
An Analysis of Multiple-Object Tracking Using the Global Nearest Neighbor Method: A Case Study of Ground-Controlled Interception (GCI) Radar.....	624
<i>Reynaldy Rizki Saputra, Friska Intan Muta'Alliy, Adiyasa Nurfalalah, Anies Marekan, Okky Aryoko, Maisevli Harika and Nurjannah Syakrani</i>	
Face Recognition Application with Deep Neural Networks for Teacher Wellbeing Assessment.....	629
<i>Sasmoko and Yasinta Indrianti</i>	
Implementation of Neuroresearch Method in Self Assessment Services Development: BeeBest E-Application.....	635
<i>Sasmoko, Lukas Tanto Kurniawan, Yasinta Indrianti, Sonya Rapinta Manalu and Abu Yazid Abu Bakar</i>	
User Satisfaction Evaluation for ASEAN Entrepreneurship Profiling Application Improvement.....	641
<i>Sasmoko Sasmoko, Yasinta Indrianti, Napoleon Chandra, Sonya Rapinta Manalu and Davy Ronald Hermanus</i>	
AEP Mobile Application Evaluation of Usability, Performance, and Shneiderman's Recommendations.....	647
<i>Sasmoko Sasmoko, Reinhart Previano Koentjoro, Yasinta Indrianti, Sonya Rapinta Manalu and Davy Ronald Hermanus</i>	
Security and Privacy Issues in Cloud-based Databases: A Literature Review.....	653
<i>Oliver Sebastian Marpaung, David Adriel Alwyn, Vincent William, Maria Susan Anggreainy and Afdhal Kurniawan</i>	
The Impact of Traffic Conditions on Air Quality: A Case Study of IoT Monitoring and Machine Learning Analysis.....	659
<i>Panji Setiawan and Emir Husni</i>	

Recommendation for Smart Building Systems Designs for Residence in Ibu Kota Nusantara (IKN) .....	666
<i>Hermina Agnes Jessica Sihite and Yudho Giri Sucahyo</i>	
FEEDING AUTOMATION FOR FISH BASED ON FISH MOVEMENT DETECTION USING COMPUTER VISION TECHNOLOGY .....	672
<i>Baihaqi Siregar, Ilham Kurnia Wahyudi Rusli, Ainul Hizriadi and Niskarto Zendrato</i>	
The Influence of Gamification on Quran Reading Learning .....	679
<i>Faisal Ridwan Siregar, Yuda Sukmana and Yusep Rosmansyah</i>	
On the use of SNMP as a Protocol for Healthcare Asset Management in the Operation and Maintenance Cycle .....	685
<i>Sinung Suakanto, Tunggul Arief Nugroho, Edi Nuryatno, Wan Sen Tjong and Alfi Zahra Hafizhah</i>	
Development of an Smart Asset Management System for Room Management in Buildings based on QR Code Technology .....	691
<i>Sinung Suakanto, Riska Yanu Fa'Rifah, Widyatasya Nurtrisha and Tunggul Arief</i>	
Intention to Use Cryptocurrency Exchanges: Assessing Cryptocurrency Exchange Features .....	698
<i>Daiva Abisha Sujoko, Muhammad Fariz Fahreza and Robertus Nugroho Perwiro Atmojo</i>	
Critical Factors of Immersive Learning in Higher Education: A Systematic Literature Review .....	707
<i>Sunardi Sunardi, Meyliana Meyliana, Arief Ramadhan and Yusep Rosmansyah</i>	
Lessons Learned from The Smart City Concept Implementation in West Lombok Regency, West Nusa Tenggara Province .....	715
<i>Wikan Dinar Sunindyo and Alfrojems Alfrojems</i>	
Driving the Future: Using the TAM and UTAUT to Understand Public Acceptance of Fully Autonomous Vehicles .....	722
<i>Auditya Purwandini Sutarto, Nachnul Ansori, Ari Widyanti, Fitri Trapsilawati, Achmad Pratama Rifai, Redifa Erlangga and Roger Woodman</i>	
Evaluating Machine Learning Models for Age Group Classification Through Human Gait ..	730
<i>Vincentius Tandra and Nunung Nurul Qomariyah</i>	
Search and Permission Request over Encrypted Database .....	737
<i>Ivan Tjuawinata, Yongjun Zhao, Bowen Shen, Kwok-Yan Lam and Chi-Hung Chi</i>	
The Using of Mixed Reality Technology for Digital Transformation in Tourism .....	744
<i>Dewi Tresnawati, Ayu Latifah, Indra Mahpudin, Vitradisa Pratama, Agus Sukoco and Ary Setijadi Prihatmanto</i>	
Service Oriented Fuzzy Smart Model for Agriculture Investment of Hydroponic Green-Leaf Vegetable Plant .....	750
<i>Ditdit Nugeraha Utama</i>	
Fine-tuning Pre-trained Language Model for Urgency Classification on Food Safety Feedback .....	755
<i>Umamaheswari Vasanthakumar, Jia Rui Bryna Goh, Siu Cheung Hui, Kwok Yan Lam, Benjamin Er, Fua'D Muhd Tarmidzi and Kyaw Thu Aung</i>	

Website and Mobile Based Application Utilization to Increase & Upscale MunchUp Selling Margin .....	765
<i>Muhammad Faadhil Putra Wahana, Andi Pramono, Jerica Gabriella, Avicena Zalfa Zahirah, Elina Rosalinda and Agung Purnomo</i>	
Smart Community Anti Stunting with Smart System .....	772
<i>Laili Wahyunita and Armein Zr Langi</i>	
Real Time Tracking System Integrated with IoT for Packaging Delivery in Indonesia's Logistic Company with TOGAF Implementation .....	780
<i>Gunawan Wang, Hendra Alianto, Maria Listya and D'Mitry Adam Nugroho</i>	
Prediction Model of Book Popularity from Goodreads "To Read" and "Worst" Books ....	784
<i>Rachel Anastasia Wijaya, Stephanie Staniswinata, Maria Clarin, Nunung Nurul Qomariyah and Ida Bagus Kerthyayana Manuaba</i>	
Genshin Impact Banner Sales Revenue Analysis .....	791
<i>Jocelin Wilson, Tiffany Widjaja, Nicholas Valerianus Budiman, Nunung Nurul Qomariyah and Raymond Bahana</i>	
SYSTEMATIC LITERATURE REVIEW: FACTORS AFFECTING SATISFACTION IN USING TELEHEALTH SERVICES .....	797
<i>Muhammad Haryasandy Yassin and Natalia Limantara</i>	
Forecasting Rice Production in Indonesia using Regression Techniques: A Comparative Analysis of Support Vector Machine, Linear Regression, and XGBoost Regression .....	802
<i>Erio Yoshino, Felix Indra Kurniadi and Budi Juarto</i>	
Systematic Literature Review of Information Technology Loan Based Model .....	807
<i>Sen Yung, Armein Z Langi and Arry Akhmad Arman</i>	
Haters Fat: Mobile Health Application to Help the Productive Young Generation Achieve a Healthy Life .....	816
<i>Mutiara Indah Zakiyyah, Andi Pramono, Rifaldy Galih Santosa, Agung Purnomo, Fairuz Iqbal Maulana and Ira Audia Agustina</i>	
Device Scheduling and Bandwidth Allocation for Federated Learning over Wireless Networks .....	822
<i>Tinghao Zhang, Kwok-Yan Lam and Jun Zhao</i>	
CLASSIFICATION OF FOOD DISTRIBUTION STATUS AND PATTERN MAPPING OF OPTIMAL DISTRIBUTION IN WEST JAVA .....	829
<i>Handy Zulkarnain, Hasta Pratama and Fetty Fitriyanti Lubis</i>	