KICT NEWSLETTER

ISSUES NO.8/2023 SEPTEMBER 2023

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MOTIVATIONAL QUOTE

"Raise your words, not voice.
It is rain that grows flowers, not thunder"

Jalaluddin Ar-Rumi

SITI ASMA BINTI MOHAMMED

ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE

RESEARCH EXPERTISE

Information Systems Evaluation
Data/Information Quality Evaluation

QUALIFICATION

- Sains dan Pengurusan Sistem - Doctor of Philosophy, Universiti Kebangsaan Malaysia (UKM)
- Database Management Systems - Masters Degree, University of Sydney
- Management Information System - Bachelor Degree, International Islamic University Malaysia

PROFESSIONAL MEMBERSHIP

International Requirements Engineering Board

ACHIEVEMENT AND AWARDS

Certified Professional for Requirements Engineering (CPRE) Foundation Level Pecipta22, Silver Award Copyright (IIUM Sejahtera Profiling (ISP) Version 3, Appointment as data quality expert - Validating PhD proposed model for Faculty of Information and Communication Technology, UTEM

CONTACT

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https://rb.gy/xuaq4

ABOUT ME

I am a senior lecturer with more than 10 years experience in teaching Software Engineering and conducting research in system quality evaluation. Among my research work that have real industry impact were with two prominent tertiary healthcare organisations in Sydney, Australia and Kuala Lumpur, Malaysia. Both researches were to evaluate the system and information quality practices, which involved the business process re-engineering (BPR) of the clinical process and reverse engineering of the medical database. My current research is on quality evaluation of dyslexia application.

RESEARCH GRANTS

- Digital Intervention Model for Parents with Autism Spectrum Disorder Children in Perlis, Office of Jamalullail Chair-Majlis Agama Islam dan Adat Istiadat Melayu Perlis (MAIPS) and Research Management Center (RMC) IIUM, Co-researcher, June 2022 - present, RM20000
- Kajian Hukum Mengenai Kesan Permainan Digital Terhadap Masyarakat, JAKIM, Co-researcher, July 2020 - December 2021, RM68850
- Information Quality Requirements for Nutrition Health Information Systems, FRGS, Principal Investigator, January 2019 - October 2021, RM46000
- Investigation of the best Information Quality Management Framework for Health Information Systems Big Data, IIUM – Research Initiative Grant Schema (RIGS), Principal Investigator, January 2018 - September 2021, RM20000

CONSULTATION PTOJECTS

- Kajian Hukum Mengenai Kesan Permainan Digital Terhadap Masyarakat, JAKIM, Co-researcher, July 2020 - December 2021, RM68850

RECENT PUBLICATIONS

- Siti Asma Mohammed, Nuraina Nazihah Norazlan and Nazurah Imran (2021) Test model for nutrition health application. Journal of Engineering Science and Technology, Special Issue on ACSAT, December. pp. 46-57. ISSN 1823-4690
- Siti Asma Mohammed, Mohamed Aden Ighe and AzlinNordin (2021) Information quality requirements for a nutrition app based on experts interviews. In: 6th International Conference of Reliable Information and Communication Technology 2021 (IRICT 2021), 22-23 December 2021
- Siti Asma Mohammed, Asma Hanee Ariffin, Noor Azah Abd Aziz, "Bus Tracking App for Universities Transportation", Psychology and Education, 2020, 57 (8), 1279-1283
- Siti Asma Mohammed, Nur Faizah Azahari & Wan Nur Syahirah Wan Ahmad Sayuti, " The Design of A Speech Delay Screening Mobile Application for Malaysian Parents", Intellectual Discourse, 2019, Special Issue 27 (Special Issue #2), 965-977

AHMAD ANWAR BIN ZAINUDDIN

ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER SCIENCE

RESEARCH EXPERTISE

Biosensor; Internet-Of-Things; Computer Networks; Robot Operating System (ROS)

QUALIFICATION

- Doctor of Philosophy-PhD. (Engineering), 2020, Title: Integrated electrochemical and mass biosensor for early dengue detection International Islamic University Malaysia.

PROFESSIONAL MEMBERSHIP

Member of Institute of Electrical and Electronics Engineers (IEEE), USA - 92725722; Member of Institution of Engineering and Technology (IET), UK - 1100899615 ; IEEE Electron Devices Society Membership, USA; Professional Technologist with Malaysian Board of Technologist (MBOT). - PT20090040; Graduate Engineer with Board of Engineers Malaysia

ACHIEVEMENT AND AWARDS

Gold Award, (PECIPTA) 2022; Gold Award, The National Innovation and Invention Competition (NIICe) 2022, MODELLING A SMART PARKING MANAGEMENT SYSTEM (SPMS) BASED ON INTEGRATED IOT; Silver Award, International EUREKA Innovation Exhibition 2022 (i-EIE 2022), REHABILITATION HAND VOLUME CONTROL BASED ON COMPUTER VISION

CONTACT

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https://scholar.google.com/citations?hl=en&user=bMYRIYgAAAAJ&view_op=list_works&sortby=pubdate

ABOUT ME

International Islamic University Malaysia (IIUM) awarded me a BSc in Communication Engineering in 2011, an MSc in Electronic Engineering in 2014, and a PhD in Engineering (Computer Engineering) in 2020. From 2011 to 2015, I worked for Silterra Malaysia as an engineer. In particular, semiconductor process engineering, failure analysis, the development of wireless sensor network products, Internet of Things (IoT) sensor development, and IR 4.0 readiness. The IEEE Electron Devices Society Malaysia Chapter awarded me the IEEE Postgraduate Award of Excellence for Outstanding Project in MEMS and Nanoelectronics in 2018. My paper received the Best Paper Award (Research Category) at the International Symposium on Engineering and Technology 2021 organized by UNIMAP in Malaysia. My product "Modelling of IoT and Computer Vision Associated PMS (ICV-PMS) For Bio-Signal Monitoring and Emotion Recognition" received a bronze medal at the International Invention, Innovation, and Design Expo (INoDEx 2021). I was ultimately chosen as the recipient of the IEEE EDS Malaysia Chapter's 2021 Final Year Project for supervising an FYP student. My previous IoT project was also awarded gold at the International Conference and Exposition on Inventions by Higher Education Institutions (PECIPTA 2022) and National Innovation and Invention Competition (NIICe 2022). Since 2020, the Malaysia Board of Technologists (MBOT) has recognized me as a Professional Technologist with Practice Certificate (Ts) in relation to my professional endeavors. I am interested in researching robust distributed systems and healthcare-related digital technologies.

RESEARCH GRANTS

- Formulation of Transfer Learning to Muscle Spasticity Characteristics Model for Quantifying the Clinical Assessment of Neurological Disorder Patients, FRGS, Co-investigator, September 2022 - September 2024.
- Smart Door Access System, KICT-RG20, Co-investigator, December 2020 - December 2023
- Face Detection Attendance System, KICT-RG20, Co-investigator, December 2020 - December 2023

RECENT PUBLICATIONS

- Johari, M. Z. H., Shafie, M. A. S., Ahmad Anwar Zainuddin., Shamsudin, A. U., Annas, A. H., Bharudin, M. S. A., ... & Zahid, N. A. M. (2023). Design and Implementation of a Smart Safety System for Rental Cars Using IoT and E-Commerce Mobile App Integration for IIUM Community. Malaysian Journal of Science and Advanced Technology, 128-140.
- Ahmad Anwar Zainuddin, Mansor, H., Badrulhisham, N. I., Zulkifli, N. N., Ridzal, A. A. M., & Ghazalli, N. (2023). Simulating the Effectiveness of an IoT Parcel Alert System for Enhancing Delivery Efficiency and Safety During Covid-19. Malaysian Journal of Science and Advanced Technology, 28-36.
- Fei, L. C., Rahman, S. H. A., Subramaniam, K., & Ahmad Anwar Zainuddin. (2023). Design and Analysis of Full Adder Using 0.6 Micron CMOS Technology. Malaysian Journal of Science and Advanced Technology, 11-16.
- Ahmad Anwar Zainuddin., Sahak, R., Jusat, N., Kaitane, W. S., Rahman, S. H. A., Mansor, A. F. M., ... & Subramaniam, K. (2022). Modelling a Smart Parking Management System (SPMS) based on Integrated IoT. Multidisciplinary Applied Research and Innovation, 3(4), 72-81.
- Gamage, S. A., Subramaniam, K., & Ahmad Anwar Zainuddin. (2022). Comparative Analysis of CMOS based Full Adders by Simulation in DSCH and Microwind. Malaysian Journal of Science and Advanced Technology, 183-187.

Article of the Month

KICT WALK 2023: RECHARGE AND RECONNECT

Ahsiah Ismail

Asmarani Ahmad Puzi

Elin Eliana Abdul Rahim

Atikah Balqis Basri

KICT Sejahtera organised a KICT WALK on the 23rd of June 2023. The Staff members from Kulliyyah of Information and Communication Technology (KICT) and IIUM Academy of Graduate and Professional Studies participated, with a total of 27 participants joining the event.

The program kicked off promptly at 8.00 a.m., with participants gathering at the cafeteria KICT. Upon arrival, participants registered for the event and each participant was given a refreshing homemade detox drink, a lemonade. This drink set the perfect tone for the activities ahead.

Beyond the physical benefits, this event offered participants the chance to recharge and reconnect with their colleagues through engaging in physical activities and sharing moments of laughter.

The event commenced with engaging activities. The opening remarks were delivered by the Dean of KICT, Prof. Ts. Dr. Abd Rahman B. Ahlan, setting a motivational tone for the event. This was followed by the warm-up and stretching session led by Br. Lukman Hakim Sani, effectively preparing the participants for the upcoming walk.

As the clock struck 8.15 a.m., the participants set out on their journey, exploring the route around the KICT and Kulliyyah of Engineering (KOE) at the International Islamic University Malaysia (IIUM). The walk enabled participants to connect with each other by exchanging conversations and enjoying the fresh air.

The route led the participants through the KICT roundabout and KOE offering views and moments of reflection. Upon returning to the initial meeting point, the Deputy Dean of Postgraduate and Responsible Research, Prof. Dr. Murni Bt. Mahmud, delivered her closing remarks and expressed gratitude to all participants for their involvement. Prof. Dr. Murni Bt. Mahmud also extended appreciation for the initiative behind the walk. As the event drew to a close, a celebratory cheer led by Dr. Mohd Syarqawy Bin Hamzah, the Deputy Dean, Student Development and Community Engagements, symbolized the unity and strengthened bonds that were fostered throughout the event.

At 9:00 a.m., the event concluded and participants dispersed, each carrying with them a sense of memories. The event not only contributed to the physical well-being of the participants but also offered a precious chance for recharging and reconnection. It created lasting memories and a stronger sense of community among the staff. The participants look forward to another opportunity to unite in the spirit of wellness and togetherness.

M-KITCHEN ACTIVITIES WITH PPR LEMBAH SUBANG (PPR-LS1) COMMUNITY - INVOLVEMENT OF SOME KICT COLLEAGUES

Normaziah Abdul Aziz

PPR Lembah Subang (PPR-LS 1) community comprises of low-income (B-40) families who stay in low-cost flats provided by the government. They are located at Lembah Subang, Selangor which is about 32.5 km from IIUM Gombak campus.

The community is under the purview of the Department of Social Welfare for state of Selangor, under the Ministry of Women, Family and Community Development.

IIUM m-Kitchen team paid a first visit to the community representatives at surau alFirdaus to get to know them and understand their needs. m-Kitchen was represented by its founding members – Tn Hj. Abdul Rahman Ahmad Dahlan, Prof Suhaimi Mhd. Sarif, Prof. Dzuljastri Abdul Razak, and Prof. Rahmah A. H. Osman. Other founding members Tn Hj. Jamal Ibrahim and Dr. Ghazali Jaapar were unable to attend but contributed their thoughts in our planning.

We then developed a plan to match our capability and the community needs. There are several other entities who provide community services to them. Hence, we avoid any overlapping of activities. Taking into consideration on the distance of our campus to Lembah Subang, and the involvement of other entities' programs, our plan is to have three to four community activities quarterly, with PPR-LS1. Follow-ups and online consultancies are made available all year round.

IIUM m-Kitchen with PPR-LS1 community activities are of educational nature where we share relevant knowledge and skills to both adults and youngsters, as follows:

For adults - Sharing of knowledge on F&B matters such as recipes, food packaging, and basic business skills. In these activities, during our interactions, we embed Islamic values and motivate the participants to be positive and work hard for success in this world and the Hereafter.

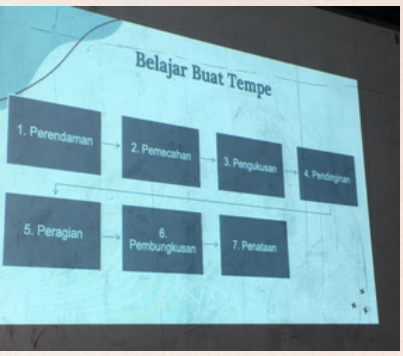
For children and teenagers - Enhancing Reading, Counting and Writing skills; Practising basic ibadah (eg. Quran recitation, Solat); Sharing of real-life hardship experiences towards success; Motivating them to perform best in their studies; and sharing tips on after-school education and Career guidance.

Our knowledge sharing modules and experience with PPR-LS1 can be used for other PPR community located elsewhere.

The following pictures are activities of m-Kitchen team with PPR-LS1 community that had taken place.

m-Kitchen first visit and discussion with PPR-LS community representative on 13th Sept 2022

Session on affordable home-made Pizza by Dr. Maznah and Dr. Normaziah on 3rd Dec 2022



Session on Preparing Tempe with Dr. Dini handayani, Madam Norazian and Dr. Normaziah on 8th Jan 2023.

Session with PPR's children to instil the importance of seeking knowledge despite challenges in life. Real life hardship experiences were shared by Dr. Zaliza, Dr. Asmarani and Dr. Normaziah on 28th August 2023.

More programs will follow suit, In sha Allah.

MALAYSIA TECHNOLOGY EXPO (MTE) AHLS 2023

APPRECIATION FOR PREVIOUS CONTRIBUTIONS TO KICT JAN 2016 - AUG 2023

APPOINTED POSITION TO KICT STAFF

Congratulations

FOR SECURING RESEARCH GRANT

PUBLIC PRIVATE RESEARCH NETWORK GRANT

Activity

KICT – ISO 9001: 2015 INTERNAL AUDIT EXERCISE 24 AND 25 AUG 2023

Activity

KICT BBQ DAY

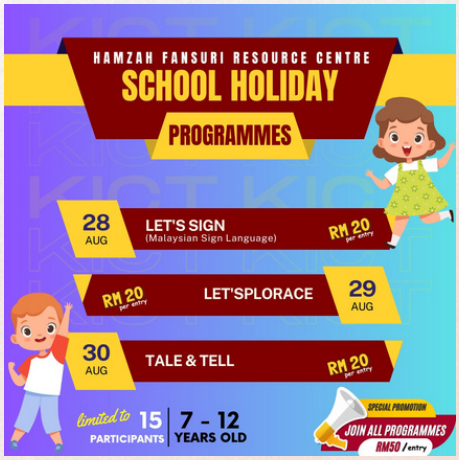
SME BANK SANDBOX COMPETITION 2023

Activity

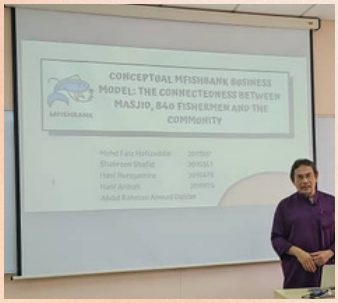
RESEARCH DISCUSSION AND VISIT TO SCHOOL OF HEALTH SCIENCES, KPJU

COMMUNITY ENGAGEMENT –
MADRASAH ALIYAH IN TALAGA MAJALENGKA IN INDONESIA

KICT HAMZAH FANSURI RESOURCE CENTRE – SCHOOL HOLIDAY PROGRAMMES



INTERNATIONAL CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGY FOR THE MUSLIM WORLD 2023



Activity

KICT STRATEGIC PLANNING

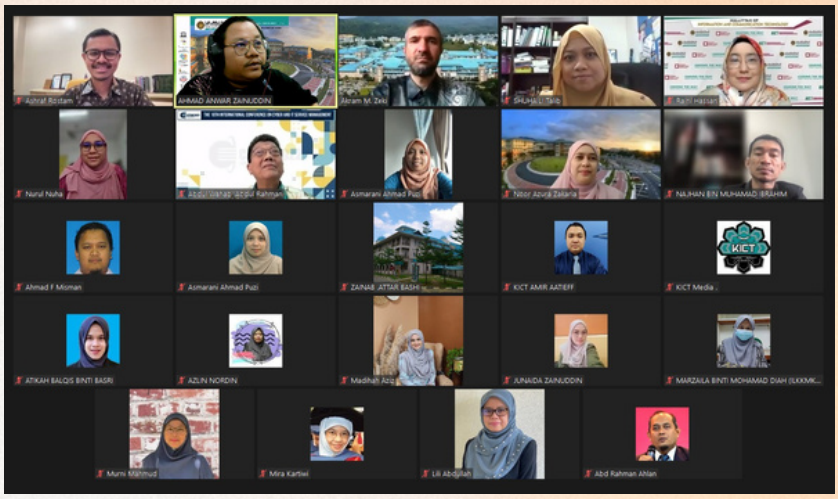
LEADING THE WAY
LEADING THE WORLD
AN INTERNATIONAL AWARD-WINNING INSTITUTION FOR SUSTAINABILITY
40 KICT
DIS SEMINAR
Designing Assessment Rubrics for Beginners
10 August 2023 (Thursday)
10:00am - 11:30am
Venue: PBL Lab
TRAINER
Ts. Dr. Muhamad Sadry Abu Seman
Notes:
Please bring along your current assessment rubrics, project instructions and course outline (CLO)

LEADING THE WAY
LEADING THE WORLD
INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY
40 it
PDPA 2010 AND HOW IT AFFECTS ME AT WORK
Speaker:
Assoc. Prof. Dr. Sonny Zulhuda
Ahmad Ibrahim Kulliyyah of Laws
Opening Remarks:
Prof. Dato' Dr. Norbik Bashah Idris
Chief Digital/Information Officer
5 Sept 2023
2.30 pm - 5.30 pm
Senate Hall, MAR Building
(In-person for Gombak Campus)
Virtual Session
(Online for Kuala Lumpur, Kuantan, Gambang and Pagoh Campuses)
YouTube LIVESTREAM
ITD IIUM OFFICIAL
CTD Points are available
Organiser:
Information Technology Division (ITD)

YES or NO?
YOUR SCORE:
1. I am happy to have and approve as many friends or followers as possible on my social media.
2. I keep same passwords/PIN for most of my accounts.
3. I post my docs like driving license, marriage cert, boarding pass, or restaurant bill – ONLINE.
4. I fill up forms asking my data for an exchange of free gift, door gift, concert pass, promotion materials, etc.
5. I pass other staff's mobile number to other person who asks for it, without informing that staff.

COMPUTATIONAL INTELLIGENCE SOCIETY IEEE - INDONESIA CHAPTER
AND SCHOOL OF COMPUTER SCIENCE NUSA PUTRA UNIVERSITY
Present Webinar on:
Secure and Intelligent Future: The Confluence of AI, IoT, and Cyber Resilience
Keynote Speakers
Prof. Ir. Teddy Mantoro, M.Sc., PhD., SMIEEE
Assoc Prof. Dr.Adamu Abubakar Ibrahim.
Dr.Shankar Karuppayah.
SCHEDULE
SATURDAY
16th September, 2023
19.00-21.00
ZOOM ID: 81239068787
ZOOM PASS: nusaputra
More Information
Registration Link
bit.ly/Webinarseries6_2023

LEADING THE WAY
LEADING THE WORLD
INTERNATIONAL MULTI-AWARD WINNING INSTITUTION FOR SUSTAINABILITY
40 20 KULLIYYAH OF ICT
DCS SEMINAR
Teaching & Learning:
Addressing Current Challenges
ATTENDANCE
DATE
07 SEPTEMBER 2023
TIME
10.00 AM - 11.00 AM
PLATFORM
MEETING ID: 965 4706 6386
PASSCODE: 471445 (ZOOM)
KICT MEDIA (YOUTUBE)
SPEAKER
DR. MUHAMAD ASHRAF BIN ROSTAM
TAKRIM 2023 AWARD: RECEIPIENT:
BEST TEACHING INNOVATION IN VIRTUAL LEARNING
MODERATOR
TS.DR. AHMAD ANWAR BIN ZAINUDDIN



Publications

(SUBMISSION IN IREP FOR AUGUST & SEPTEMBER 2023)

1. Ahmad Puzi, Asmarani and Ismail, Ahsiah and Ahmad, Maznah (2023) Voice of autism – autism acceptance. KICT Newsletter, 2023 (3). pp. 1-4.

2. Ahmed Khan, Fazeel and Ibrahim, Adamu Abubakar (2023) *Non-fungible token based smart manufacturing to scale Industry 4.0 by using augmented reality, deep learning and industrial Internet of Things.* International Journal on Perceptive and Cognitive Computing, 9 (2). pp. 62-72. E-ISSN 2462-229X

3. Al Faied, Saif and Islam, Mahin and Hassan, Raini (2023) *ML based solutions for greenhouse gas emission and impacts on leading countries: a preliminary work.* International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (1). pp. 64-69. E-ISSN 2462-229X

4. Alarood, Ala Abdulsalam and Abubakar, Adamu and Abdulrahman, Alzahrani and Faisal, Alsubaei (2023) *Electronic waste collection incentivization scheme based on the blockchain.* Sustainability, 15 (13). pp. 1-29. ISSN 2071-1050

5. Anuar, Muhammad Akmal and Khedher, Akram M Z M and Abubakar Ibrahim, Adamu (2023) *Exploring blockchain for KYC: deepening client understanding.* In: 2023 IEEE 13th International Conference on Control System, Computing and Engineering (ICCSCE), 25th - 26th August 2023, Penang, Malaysia.

6. Esra, Altulaihan and Abrar, Alismail and Rahman, M.M. Hafizur and Abubakar, Adamu (2023) *Email security issues, tools, and techniques used in investigation.* Sustainability, 15 (13). pp. 1-28. ISSN 2071-1050

7. Huda, Muhammad Qomarul and Hidayah, Nur Aeni and Khudzaeve, Eva and Zakaria, Noor Azura (2023) Adoption and implementation of self-development information technology applications: an empirical study of state Islamic higher education institutions in Indonesia. Journal of Applied Engineering and Technological Science (JAETS), 4 (2). pp. 940-954. ISSN 2715-6087 E-ISSN 2715-6079

8. Hulliyah, Khodijah and Rayyan, Faishal and Awang Abu Bakar, Normi Sham (2023) Development of a chatbot for the online application telegram chat with an approach to the emotion classification text using the IndoBERT-lite method. In: 4th International Conference on Cybernetics and Intelligent System (ICORIS), 8th - 9th October 2022, Prapat, Indonesia.

9. Ismail, Ahsiah and Handayani, Dini Oktarina Dwi and Ahmad, Maznah and Mohamad Ali, Noor Azian and Mohamadali, Noor Azizah and Zulkifli, Izyani (2023) *M-Kitchen's tapai pulut and cookies workshop.* KICT Newsletter (4). pp. 14-16.

10. Ismail, Amelia Ritahani and Mohd Khalili, Aisyah Saidah and Rahim, Nur Farah Adilah and Nisa, Syed Qamrun (2023) *Deep convolutional generative adversarial networks for imbalance medical image classification.* International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 98-103. E-ISSN 2462-229X

11. Ismail, Amelia Ritahani and Nisa, Syed Qamrun (2023) *Comparison of U-net's variants for segmentation of polyp images.* International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 93-97. E-ISSN 2462-229X

12. Jamil, Muhammad Abid and Nour, Mohamed Kidher and Awang Abu Bakar, Normi Sham (2023) Software testing optimization for large systems using agent-based and NSGA-II algorithms. International Journal of Computer Science and Information Technology (IJCSIT), 13 (12). pp. 47-52. E-ISSN 0975–9646

13. Mohammed Ashikur, Rahman and Abubakar, Adamu and Tumian, Afidalina (2023) *Feature selection using generalized linear model for Machine Learning-based sepsis prediction.* In: International Conference on Advances in Intelligent Computing and Applications (AICAPS), 1st to 3rd February 2023, India.

14. uniappan, Thiiban and Abd Warif, Nor Bakiah and Ismail, Ahsiah and Mat Abir, Noor Atikah (2023) An evaluation of convolutional neural network (CNN) model for copy-move and splicing forgery detection. International Journal of Intelligent Systems and Applications in Engineering (IJISAE), 11 (2). pp. 730-740. ISSN 2147-6799

15. Musa, Zainab and Junaidu, Sahalu Balarabe and Baroon, Ismaeel Ahmad and A.F. Donfack, Kana and Abubakar, Adamu (2023) An enhanced predictive analytics model for tax-based operations. International Journal on Perceptive and Cognitive Computing, 9 (2). pp. 44-49. E-ISSN 2462-229X

16. Nabil, Nabiul Farhan and Galib, Ashadullah and Sase, Takumi (2023) Mental state detection from tweets by machine learning. International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 1-7. E-ISSN 2462-229X

17. Nabil, Nabiul Farhan and Galib, Ashadullah and Sase, Takumi (2023) Mental state detection from tweets by machine learning. In: International Conference on Information & Communication Technology for the Muslim World (ICT4M) 2023, Kuala Lumpur, Malaysia. (Unpublished)

18. Njazi, Shaun Tatenda and Zainuddin, Ahmad Anwar and Ahmad Puzi, Asmarani and Mohd Abu Bakar, Nur Athirah and Ramada, Aly Mennatallah Khaled Mohammad and Hamizan, Hasbullah and Sahak, Rohilah and Mat Rosani, Aiman Najmi and Ghazalli, Nasyitah and Abdul Rahman, Siti Husna and Kamarudin, Saidatul Izyanie (2023) Evaluating the effectiveness of machine learning and computer vision techniques for the early detection of maize plant disease. Malaysian Journal of Science and Advanced Technology, 3 (3). pp. 166-178. E-ISSN 2785-8901

19. Ramlan, Amir Syazwan and Mohamad Dzain, Iman Zulhakim and Hassan, Raini (2023) *The application of data science on food waste problem: a preliminary work.* International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (1). pp. 56-63. E-ISSN 2462-229X

20. Salleh, Norsaremah and Mendes, Emilia and Mendes, Fabiana and Lekamlage, Charitha Dissanayake and Petersen, Kai (2023) Value-based software engineering: a systematic mapping study. E-Informatica Software Engineering Journal, 17 (1). pp. 1-57. ISSN 1897-7979 E-ISSN 2084-4840

21. Yaacob, Hamwira Sakti and Hossain, farhad and Shari, Sharunizam and Khare, Smith K. and Ooi, Chui Ping and Acharya, Rajendra Udyavara (2023) Application of artificial intelligence techniques for brain-computer interface in mental fatigue detection: a systematic review (2011-2022). IEEE Access, 11. pp. 74736-74758. E-ISSN 2169-3536

22. Zainuddin, Ahmad Anwar and Omar, Nuraina Fitrah and Zakaria, Nurul Nadhirah and Camara, Nana Aichata Mbourou (2023) Analyses of privacy-preserving techniques for IoT data in 6G networks with blockchain integration: a review. International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 80-92. E-ISSN 2462-229X

23. Zamzuri, Muhammad Haziq Adli and Nadilah, Sofian and Hassan, Raini (2023) The forecasting of poverty using the ensemble learning classification methods. International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (1). pp. 24-32. E-ISSN 2462-229X

24. Zein, Samer and Salleh, Norsaremah and Grundy, John (2023) Systematic reviews in mobile app software engineering: A tertiary study. Information and Software Technology, 164. E-ISSN 0950-5849

25. Abdul Molok, Nurul Nuha and Abdul Hakim, Nur Aiena Hajeerah and Jamaludin, Nur Syazwani (2023) SmartParents: empowering parents to protect children from cyber threats. International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 73-79. E-ISSN 2462-229X

26. Ahmad Azahri, Ahmad Huzaifi and Dzulkamal, Ahmad Lootphee and Roskeman, Muhammad Zulkhairil Hafiz and Ahmad Dahlan, Abdul Rahman (2023) A conceptual barber-gerak business model: build-up skills and enhance job opportunities as barber-preneurs for the underemployed, unemployed, and B40 community. Journal of Information Systems and Digital Technologies, 5 (1). pp. 151-170. E-ISSN 2682-879

27. Dutta, Monica and Gupta, Deepali and Juneja, Sapna and Shah, Asadullah and Shaikh, Asadullah and Shukla, Varun and Kumar, Mukesh (2023) *Boosting of fruit choices using machine learning-based pomological recommendation system.* SN Applied Sciences, 5 (9). pp. 1-17. ISSN 2523-3963 E-ISSN 2523-3971

28. Khan, Mohammad Shadab and Mohamadali, Noor Azizah and Shah, Asadullah (2023) Teachers' behavioral intention and acceptance of technology-based system intervention among children with autism spectrum disorder (ASD). Journal of Advanced Research in Applied Sciences and Engineering Technology 32, Issue 1 (2023) 95-106, 32 (1). pp. 95-106. ISSN 2462-1943

Publications

(SUBMISSION IN IREP FOR AUGUST & SEPTEMBER 2023)

29. Mohamad Nizam, Muhammad Ilham Hakimi and Mohd Fauzi, Fahd and Zainal Azmi, Nurazlin (2023) Interactive folklore - re-modernizing the culture through digital storytelling. International Journal on Perceptive and Cognitive Computing, 9 (2). pp. 33-38. E-ISSN 2462-229X

30. Raja Altaf, Sohaib and Sheikh Abdul Aziz, Madihah and Shah, Asadullah (2023) Modeling the Workflow of Bug Prioritization Tasks Descriptively Using the Past Events. International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 14-24.

31. Saleem, Nasir and Gunawan, Teddy Surya and Kartiwi, Mira and Nugroho, Bambang Setia and Wijayanto, Inung (2023) NSE-CATNet: deep neural speech enhancement using convolutional attention transformer network. IEEE Access, 11. 66979- 66994. E-ISSN 2169-3536

31. Zainuddin, Ahmad Anwar and Omar, Nuraina Fitrah and Zakaria, Nurul Nadhirah and Camara, Nana Aichata Mbourou (2023) Analyses of privacy-preserving techniques for IoT data in 6G networks with blockchain integration: a review. International Journal on Perceptive and Cognitive Computing (IJPCC), 9 (2). pp. 80-92. E-ISSN 2462-229X

32. Zainudin, Airul Azizan and Mohd Mohadis, Hazwani and Ahmad, Norfadzilah (2023) Smartphone application usage among nursing students in IIUM Kuantan Malaysia. Community Practitioner Journal, 20 (8). pp. 107-114. ISSN 1462-2815

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Title :
Revivifyme: Mood Tracking Application for Mental Health

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Title :
1. Modelling the workflow states of bug prioritization for retrospective approach using the past bug reports
2. Literature review strategies and approaches for scientists and researchers

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