# DAFTAR PUSTAKA

Ã, S. M. F., & El-masri, M. M. (2005). *Focus on Research Methods Handling Missing Data in Self-Report Measures*. 488–495. https://doi.org/10.1002/nur

Abbad, M. M. M. (2021). Using the UTAUT model to understand students' usage of e-learning systems in developing countries. *Education and Information Technologies*, *26*(6), 7205–7224. https://doi.org/10.1007/s10639-021-10573-5

Abdi Vincenzoo EspositooVinzi Giorgioo Russolillo Gilbertt Saporta Lauraa Trinchera Editors, H. (2014). *Springer Proceedings in Mathematics & Statistics The Multiple Facets of Partial Least Squares and Related Methods*. http://www.springer.com/series/10533

Abuhlfaia, K., & De Quincey, E. (2018). The usability of E-learning platforms in higher education: A systematic mapping study. *Proceedings of the 32nd International BCS Human Computer Interaction Conference, HCI 2018*, *July*. https://doi.org/10.14236/ewic/HCI2018.7

Adwan, A. (2022). No Title. *Juornal of Education Technology Education Research*, *21*(TOWARDS A SUSTAINABLE ADOPTION OF E-LEARNING SYSTEMS: THE ROLE OF SELF-DIRECTED LEARNING).

Agyei, C., & Razi, Ö. (2022). The effect of extended UTAUT model on EFLs' adaptation to flipped classroom. *Education and Information Technologies*, *27*(2), 1865–1882. https://doi.org/10.1007/s10639-021-10657-2

Ahmad, A., Padlee, S. F., & Saadon, M. S. I. (2024). Factors effects on e-learners' satisfaction at the higher education institutions in Saudi Arabia. *International Journal of Evaluation and Research in Education*, *13*(5), 2810–2816. https://doi.org/10.11591/ijere.v13i5.28818

Akdim, K., Casaló, L. V., & Flavián, C. (2022). The role of utilitarian and hedonic aspects in the continuance intention to use social mobile apps. *Journal of Retailing and Consumer Services*, *66*(June 2021). https://doi.org/10.1016/j.jretconser.2021.102888

Al-Adwan, A. S. (2022). No Title. *Journal of Information Technology Education Research*, *21*(TOWARDS A SUSTAINABLE ADOPTION OF E-LEARNING SYSTEMS: THE ROLE OF SELF-DIRECTED LEARNING), 246–267. https://doi.org/https://doi.org/10.28945/4980

Al-fraihat, D., Joy, M., & Sinclair, J. (2020). Computers in Human Behavior Evaluating E-learning systems success : An empirical study. *Computers in Human Behavior*, *102*(June 2019), 67–86. https://doi.org/10.1016/j.chb.2019.08.004

Al-Gahtani, S. S. (2016). Empirical investigation of e-learning acceptance and assimilation: A structural equation model. *Applied Computing and Informatics*, *12*(1), 27–50. https://doi.org/10.1016/j.aci.2014.09.001

Al-Mamary, Y. H. S. (2022a). Understanding the use of learning management systems by undergraduate university students using the UTAUT model: Credible evidence from Saudi Arabia. *International Journal of Information Management Data Insights*, *2*(2).

https://doi.org/10.1016/j.jjimei.2022.100092

Al-Mamary, Y. H. S. (2022b). Why do students adopt and use Learning Management Systems?: Insights from Saudi Arabia. *International Journal of Information Management Data Insights*, *2*(2), 100088. https://doi.org/10.1016/j.jjimei.2022.100088

Al-Maroof, R. S., Alhumaid, K., & Salloum, S. (2021). The continuous intention to use e-learning, from two different perspectives. *Education Sciences*, *11*(1), 1–20. https://doi.org/10.3390/educsci11010006

Al-Okaily, M., Alqudah, H., Matar, A., Lutfi, A., & Taamneh, A. (2020). Dataset on the Acceptance of e-learning System among Universities Students' under the COVID-19 Pandemic Conditions. *Data in Brief*, *32*, 106176. https://doi.org/10.1016/j.dib.2020.106176

Al-Rahmi, W. M., Yahaya, N., Aldraiweesh, A. A., Alamri, M. M., Aljarboa, N. A., Alturki, U., & Aljeraiwi, A. A. (2019). Integrating Technology Acceptance Model with Innovation Diffusion Theory: An Empirical Investigation on Students' Intention to Use E-Learning Systems. *IEEE Access*, *7*, 26797–26809. https://doi.org/10.1109/ACCESS.2019.2899368

Alabadi, M., Habbal, A., & Wei, X. (2022). Industrial Internet of Things: Requirements, Architecture, Challenges, and Future Research Directions. *IEEE Access*, *10*(June), 66374–66400. https://doi.org/10.1109/ACCESS.2022.3185049

Alam, M. M., Ahmad, N., Naveed, Q. N., Patel, A., Abohashrh, M., & Khaleel, M. A. (2021). E-learning services to achieve sustainable learning and academic performance: An empirical study. *Sustainability (Switzerland)*, *13*(5), 1–20. https://doi.org/10.3390/su13052653

Aldiabat, K., Gharaibeh, M. K., & Alqudah, N. F. (2024). Assessment of Student Satisfaction with E-learning in Jordan Using TAM and UTAUT as a Mediator for Synchronous and Asynchronous Learning. *International Journal on Informatics Visualization*, *8*(3), 1361–1369. https://doi.org/10.62527/joiv.8.3.2501

Alkawsi, G. A., Ali, N., Mustafa, A. S., Baashar, Y., Alhussian, H., Alkahtani, A., Tiong, S. K., & Ekanayake, J. (2021). A hybrid SEM-neural network method for identifying acceptance factors of the smart meters in Malaysia: Challenges perspective. *Alexandria Engineering Journal*, *60*(1), 227–240. https://doi.org/10.1016/j.aej.2020.07.002

Allabay, A., Jumabek, S., Purxan, N., & Begench, G. (2024). Online Platform of Mathematical Terms in Karakalpak Language. *International Journal of Advanced Science Computing and Engineering*, *6*(2), 70–73. https://doi.org/10.62527/ijasce.6.2.205

Almaiah, M. A., Alamri, M. M., & Al-Rahmi, W. (2019). Applying the UTAUT Model to Explain the Students' Acceptance of Mobile Learning System in Higher Education. *IEEE Access*, *7*, 174673–174686. https://doi.org/10.1109/ACCESS.2019.2957206

Almaiah, M. A., & Alyoussef, I. Y. (2019). Analysis of the Effect of Course Design, Course Content Support, Course Assessment and Instructor Characteristics on the Actual Use of E-Learning System. *IEEE Access*, *7*, 171907–171922.

https://doi.org/10.1109/ACCESS.2019.2956349

Alshehri, A., Rutter, M., & Smith, S. (2019). The Effects Of Utaut And Usability Qualities On Students' Use Of Learning Management Systems In Saudi Tertiary Education. *Journal of Information Technology Education: Research*, *19*, 891–930. https://doi.org/10.28945/4659

Altalhi, M. (2021). Toward a model for acceptance of MOOCs in higher education: the modified UTAUT model for Saudi Arabia. *Education and Information Technologies*, *26*(2), 1589–1605.
https://doi.org/10.1007/s10639-020-10317-x

Altuntas, S., Dereli, T., & Erdoğan, Z. (2021). Evaluation of service quality using SERVQUAL scale and machine learning algorithms: a case study in health care. *Kybernetes*, *51*(2), 846–875. https://doi.org/10.1108/K-10-2020-0649

Altuntas, S., Dereli, T., & Erdoğan, Z. (2022). Evaluation of service quality using SERVQUAL scale and machine learning algorithms: a case study in health care. *Kybernetes*, *51*(2), 846–875. https://doi.org/10.1108/K-10-2020-0649

Alyoussef, I. Y. (2023). Acceptance of e-learning in higher education: The role of task-technology fit with the information systems success model. *Heliyon*, *9*(3), e13751. https://doi.org/10.1016/j.heliyon.2023.e13751

Ansong-Gyimah, K. (2020). Students' perceptions and continuous intention to use elearning systems: The case of google classroom. *International Journal of Emerging Technologies in Learning*, *15*(11), 236–244
https://doi.org/10.3991/IJET.V15I11.12683

Awang, Z., Afthanorhan, A., & Mamat, M. (2015). The Likert scale analysis using parametric based Structural Equation Modeling ( SEM ). *Computational Methods in Social Sciences*, *4*(1), 13–21.

Bailey, D. R., Almusharraf, N., & Almusharraf, A. (2022). Video conferencing in the e-learning context: explaining learning outcome with the technology acceptance model. *Education and Information Technologies*, *27*(6), 7679–7698. https://doi.org/10.1007/s10639-022-10949-1

Batucan, G. B., Gonzales, G. G., Balbuena, M. G., Pasaol, K. R. B., Seno, D. N., & Gonzales, R. R. (2022). An Extended UTAUT Model to Explain Factors Affecting Online Learning System Amidst COVID-19 Pandemic: The Case of a Developing Economy. *Frontiers in Artificial Intelligence*, *5*(April), 1–13. https://doi.org/10.3389/frai.2022.768831

Benaida, M. (2024). A Framework Model for Exploring Factors for Measuring E-Learning Systems and Its Relevant Outcomes via AHP. *International Journal of Engineering Pedagogy*, *14*(5), 123–148.
https://doi.org/10.3991/ijep.v14i5.47295

Bhattacherjee, A. (2011). Qarterjy CONTINUANCE : *MIS Quarterly, 25*(3), 351–370.

Bidry, M., Ouaguid, A., & Hanine, M. (2023). Enhancing E-Learning with Blockchain: Characteristics, Projects, and Emerging Trends. *Future Internet*, *15*(9), 1–16. https://doi.org/10.3390/fi15090293

Blagoev, I., Vassileva, G., & Monov, V. (2021). A Model for e-Learning Based on the Knowledge of Learners. *Cybernetics and Information Technologies*, *21*(2), 121–135. https://doi.org/10.2478/cait-2021-0023

Boca, G. D. (2021). Factors influencing students' behavior and attitude towards online education during covid-19. *Sustainability (Switzerland)*, *13*(13). https://doi.org/10.3390/su13137469

Bradley, V. M. (2020). Learning Management System (LMS) Use with Online Instruction. *International Journal of Technology in Education*, *4*(1), 68–92. https://doi.org/10.46328/ijte.36

Cahyono, D., & Suryani, E. (2020). The Suitability Evaluation of Procurement Information Systems to the Needs of Users and Management Using Human, Organization, Technology-Fit (HOT-Fit) Framework. *IPTEK The Journal for Technology and Science*, *31*(1), 101. https://doi.org/10.12962/j20882033.v31i1.6326

Cardona-Acevedo, S., Agudelo-Ceballos, E., Cumpa Vásquez, J. T., Martínez Rojas, E., Valencia-Arias, A., Jimenez Garcia, J. A., & Benjumea-Arias, M. L. (2025). E-learning technologies at the secondary education level: literature review. *Frontiers in Education*, *10*. https://doi.org/10.3389/feduc.2025.1539763

Chahal, J., & Rani, N. (2022). Exploring the acceptance for e-learning among higher education students in India: combining technology acceptance model with external variables. *Journal of Computing in Higher Education*, *34*(3), 844–867. https://doi.org/10.1007/s12528-022-09327-0

Chatterjee, S., Rana, N. P., Khorana, S., Mikalef, P., & Sharma, A. (2021). Assessing Organizational Users' Intentions and Behavior to AI Integrated CRM Systems: a Meta-UTAUT Approach. *Information Systems Frontiers*, *7491*. https://doi.org/10.1007/s10796-021-10181-1

Cidral, W. A., Oliveira, T., Di Felice, M., & Aparicio, M. (2018). E-Learning Success Determinan. *Computers and Education*, *122*(351), 273–290. https://doi.org/10.1016/j.compedu.2017.12.001.This

Cook, D. A., & Beckman, T. J. (2006). Current concepts in validity and reliability for psychometric instruments: Theory and application. *American Journal of Medicine*, *119*(2), 166.e7-166.e16. https://doi.org/10.1016/j.amjmed.2005.10.036

Crowe, S. (2024). *Assessing the effectiveness of self-directed learning as a teaching intervention in urban planning education*. 3–8.

da Silva, F. L., Slodkowski, B. K., da Silva, K. K. A., & Cazella, S. C. (2022). A systematic literature review on educational recommender systems for teaching and learning: research trends, limitations and opportunities. In *Education and Information Technologies* (Issue 0123456789). Springer US. https://doi.org/10.1007/s10639-022-11341-9

Dangaiso, P., Makudza, F., & Hogo, H. (2022). Modelling perceived e-learning service quality, student satisfaction and loyalty. A higher education perspective. *Cogent Education*, *9*(1). https://doi.org/10.1080/2331186X.2022.2145805

Dash, G., & Paul, J. (2021). CB-SEM vs PLS-SEM methods for research in social sciences and technology forecasting. *Technological Forecasting and Social Change*, *173*(July), 121092. https://doi.org/10.1016/j.techfore.2021.121092

DeLone, W. H., & McLean, E. R. (2016). Information Systems Success

Measurement. In *Foundations and Trends® in Information Systems* (Vol. 2, Issue 1). https://doi.org/10.1561/2900000005

Delos Reyes, E. G., Galura, J. C., & Pineda, J. L. S. (2022). C5-LMS design using Google Classroom: user acceptance based on extended Unified Theory of Acceptance and Use of Technology. *Interactive Learning Environments*, 1–10. https://doi.org/10.1080/10494820.2022.2028852

Demsash, A. W., Kalayou, M. H., & Walle, A. D. (2024). Health professionals' acceptance of mobile-based clinical guideline application in a resource-limited setting: using a modified UTAUT model. *BMC Medical Education*, *24*(1), 1–17. https://doi.org/10.1186/s12909-024-05680-z

Desmaryani, S., Kusrini, N., Lestari, W., Septiyarini, D., Harkeni, A., Burhansyah, R., Kilmanun, J. C., Dewi, D. O., Syafutra, M. R., David, J., Darmawan, & An-Driany, E. (2022). The role of digital leadership, system of information, and service quality on e-learning satisfaction. *International Journal of Data and Network Science*, *6*(4), 1215–1222. https://doi.org/10.5267/j.ijdns.2022.6.012

Dey, N. (n.d.). *Concept and Scope of Educational Technology*. 5–32. http://egyankosh.ac.in/bitstream/123456789/8409/1/Unit-1.pdf

Fiati, R., Mutiara, D., & Nugraheni, K. (2025). *Evaluation of Information System Framework and Suitability of Technology Tasks on the Continuing Intention to Adopt E-Learning Systems*. *45*(3), 177–185.

Fiati, R., Widowati, & Nugraheni, D. M. K. (2025). Information system success model: continuous intention on users' perception of e-learning satisfaction. *Indonesian Journal of Electrical Engineering and Computer Science*, *37*(1), 389–397. https://doi.org/10.11591/ijeecs.v37.i1.pp389-397

Fiati, R., Widowati, W., & Mutiara Kusumo Nugraheni, D. (2023). Service quality model analysis on the acceptance of information system users' behavior. *Indonesian Journal of Electrical Engineering and Computer Science*, *30*(1), 444. https://doi.org/10.11591/ijeecs.v30.i1.pp444-450

Firwana, A., Shouqer, M. A., & Aqel, M. (2021). Effectiveness of E-learning environments in developing skills for designing E-tivities based on Gamification for teachers of technology in Gaza. *Education in the Knowledge Society*, *22*, 1–21. https://doi.org/10.14201/EKS.23907

Giannakos, M. N., Mikalef, P., & Pappas, I. O. (2022). Systematic Literature Review of E-Learning Capabilities to Enhance Organizational Learning. *Information Systems Frontiers*, *24*(2), 619–635. https://doi.org/10.1007/s10796-020-10097-2

Goyal, S., Khaliq, F., & Vaney, N. (2023). Implementation of the online learning management system 'Moodle' as a blended approach to online teaching. *Indian Journal of Physiology and Pharmacology*, *67*(1), 64–72. https://doi.org/10.25259/IJPP_208_2022

Hadullo, K., Oboko, R., & Omwenga, E. (2017). A model for evaluating e-learning systems quality in higher education in developing countries. *International Journal of Education and Development Using Information and Communication Technology*, *13*(2), 185–204.

Hafiza Razami, H., & Ibrahim, R. (2022). Models and constructs to predict

students' digital educational games acceptance: A systematic literature review. *Telematics and Informatics*, *73*(July), 101874. https://doi.org/10.1016/j.tele.2022.101874

Hair, J. F., Hult, G. T. M., Ringle, C. M., Sarstedt, M., Danks, N. P., & Ray, S. (2021). *An Introduction to Structural Equation Modeling*. 1–29. https://doi.org/10.1007/978-3-030-80519-7_1

Haleem, A., Javaid, M., Qadri, M. A., & Suman, R. (2022). Understanding the role of digital technologies in education: A review. *Sustainable Operations and Computers*, *3*(May), 275–285. https://doi.org/10.1016/j.susoc.2022.05.004

Hapsari, W. P., Labib, U. A., Haryanto, H., & Safitri, D. W. (2021). A Literature Review of Human, Organization, Technology (HOT) – Fit Evaluation Model. *Proceedings of the 6th International Seminar on Science Education (ISSE 2020)*, *541*(Isse 2020), 876–883. https://doi.org/10.2991/assehr.k.210326.126

Hardiyanti, C., Kusumadewi, S., & Kurniawan, R. (2024). Evaluation of Success and Failure Factors for Maternal and Child Health in Integrated Healthcare Center Information Systems (IHCIS) Using the HOT-Fit Method. *Journal of Information Systems Engineering and Business Intelligence*, *10*(1), 152–166. https://doi.org/10.20473/jisebi.10.1.152-166

Huang, Y., Xu, W., Sukjairungwattana, P., & Yu, Z. (2024). Learners' continuance intention in multimodal language learning education: An innovative multiple linear regression model. *Heliyon*, *10*(6), e28104. https://doi.org/10.1016/j.heliyon.2024.e28104

Humida, T., Al Mamun, M. H., & Keikhosrokiani, P. (2022). Predicting behavioral intention to use e-learning system: A case-study in Begum Rokeya University, Rangpur, Bangladesh. *Education and Information Technologies*, *27*(2), 2241–2265. https://doi.org/10.1007/s10639-021-10707-9

Hussein, Z. (2018). Subjective norm and perceived enjoyment among students in influencing the intention to use e-learning. *International Journal of Civil Engineering and Technology*, *9*(13), 852–858.

Isaac, O., Abdullah, Z., Aldholay, A. H., & Abdulbaqi Ameen, A. (2019). Antecedents and outcomes of internet usage within organisations in Yemen: An extension of the Unified Theory of Acceptance and Use of Technology (UTAUT) model. *Asia Pacific Management Review*, *24*(4), 335–354. https://doi.org/10.1016/j.apmrv.2018.12.003

James A. O'Brien, G. M. M. (2010). *Management Information Systems*. McGraw Hill, New York.

Jia, Q., Guo, Y., & Barnes, S. J. (2017). Enterprise 2.0 post-adoption: Extending the information system continuance model based on the technology-Organization-environment framework. *Computers in Human Behavior*, *67*, 95–105. https://doi.org/10.1016/j.chb.2016.10.022

Jonathan, K., & Gui, A. (2022). *Student Satisfaction Analysis in E-Learning Usage Based on Service Quality , Information Quality , and System Quality in Indonesian Higher Education*. *August*, 363–367.

Kaewsaiha, P., & Chanchalor, S. (2021). Factors affecting the usage of learning

management systems in higher education. *Education and Information Technologies*, *26*(3), 2919–2939. https://doi.org/10.1007/s10639-020-10374-2

Khoirunnisa, O. G., & Sugiharti, E. (2024). The Effect of Augmented Reality Acceptance on E-Commerce on Cosmetic Purchase Decisions Using Combination TPB and TAM. *Journal of Advances in Information Systems and Technology*, *5*(2), 142–152. https://doi.org/10.15294/jaist.v5i2.63743

Kock, N. (2018). Single missing data imputation in PLS-based structural equation modeling. *Journal of Modern Applied Statistical Methods*, *17*(1). https://doi.org/10.22237/jmasm/1525133160

Kraleva, R., Sabani, M., & Kralev, V. (2019). An analysis of some learning management systems. *International Journal on Advanced Science, Engineering and Information Technology*, *9*(4), 1190–1198. https://doi.org/10.18517/ijaseit.9.4.9437

Kumar, J. A., & Bervell, B. (2019). Google Classroom for mobile learning in higher education: Modelling the initial perceptions of students. *Education and Information Technologies*, *24*(2), 1793–1817. https://doi.org/10.1007/s10639-018-09858-z

Kurdi, B. Al, Alshurideh, M., & Salloum, S. A. (2020). Investigating a theoretical framework for e-learning technology acceptance. *International Journal of Electrical and Computer Engineering*, *10*(6), 6484–6496. https://doi.org/10.11591/IJECE.V10I6.PP6484-6496

Lai, P. (2017). The literature review of technology adoption models and theories for the novelty technology. *Journal of Information Systems and Technology Management*, *14*(1), 21–38. https://doi.org/10.4301/s1807-17752017000100002

Laudon, K. C., & Laudon, J. P. (2010). Management Information System: Managing the Digital Firm. In *New Jersey: Prentice Hall*.

Li, Q., Li, Y., Zhang, S., Zhou, X., & Pan, Z. (2025). A theoretical framework for human-centered intelligent information services: A systematic review. *Information Processing and Management*, *62*(1), 103891. https://doi.org/10.1016/j.ipm.2024.103891

Lim, C. W., Liew, K. Y., Lim, S. H., Cheema, M. S., Sulaiman, P. S., Harith, H. H., Saidi, H. I., & Tham, C. L. (2024). Student acceptance towards AsepticTech VR: a teaching and learning tool for cell and tissue culture aseptic techniques. *International Journal of Educational Technology in Higher Education*, *21*(1). https://doi.org/10.1186/s41239-024-00472-3

Lin, W. S., & Wang, C. H. (2012). Antecedences to continued intentions of adopting e-learning system in blended learning instruction: A contingency framework based on models of information system success and task-technology fit. *Computers and Education*, *58*(1), 88–99. https://doi.org/10.1016/j.compedu.2011.07.008

Littenberg-Tobias, J., & Reich, J. (2020). Evaluating access, quality, and equity in online learning: A case study of a MOOC-based blended professional degree program. *Internet and Higher Education*, *47*(July), 100759. https://doi.org/10.1016/j.iheduc.2020.100759

Lopes, C., Bernardes, Ó., Gonçalves, M. J. A., Terra, A. L., da Silva, M. M., Tavares, C., & Valente, I. (2022). E-Learning Enhancement through Multidisciplinary Teams in Higher Education: Students, Teachers, and Librarians. *Education Sciences*, *12*(9). https://doi.org/10.3390/educsci12090601

Lu, Y., & Khan, M. S. (2024). *INFLUENCE OF HIGHER EDUCATION E-SERVICE QUALITY ON E-LEARNING STUDENT SATISFACTION ; AS MODERATED BY DIGITAL LITERACY : A MIXED METHOD RESEARCH APPROACH*. 1–20.

Ma, Q., & Liu, L. (2011). The Technology Acceptance Model. *Advanced Topics in End User Computing, Volume 4*, *January*. https://doi.org/10.4018/9781591404743.ch006.ch000

Magno, F., Cassia, F., & Ringle, C. M. (2024). A brief review of partial least squares structural equation modeling (PLS-SEM) use in quality management studies. *TQM Journal*, *36*(5), 1242–1251. https://doi.org/10.1108/TQM-06-2022-0197

Mahande, R. D. (2018). UTAUT Model: Suatu Pendekatan Evaluasi Penerimaan E-Learning pada Program Pascasarjana. *Prosiding Seminar Nasional Membangun Indonesia Melalui Hasil Riset*, 784–788.

Mcguire, S. J. J., & Rosary, J. C. C. (2022). The Relationship Between E-Service Quality And E-Satisfaction. *Journal of Management E-ISSN : XXXX-XXXX*, *1*(2), 1–13.

Meet, R. K., Kala, D., & Al-Adwan, A. S. (2022). Exploring factors affecting the adoption of MOOC in Generation Z using extended UTAUT2 model. *Education and Information Technologies*, *27*(7), 10261–10283. https://doi.org/10.1007/s10639-022-11052-1

Memon, M. A., Ramayah, T., Cheah, J. H., Ting, H., Chuah, F., & Cham, T. H. (2021). Pls-Sem Statistical Programs: a Review. *Journal of Applied Structural Equation Modeling*, *5*(1), i–xiv. https://doi.org/10.47263/JASEM.5(1)06

Mohammed, A. B., Maqableh, M., Qasim, D., & AlJawazneh, F. (2024). Exploring the factors influencing academic learning performance using online learning systems. *Heliyon*, *10*(11), e32584. https://doi.org/10.1016/j.heliyon.2024.e32584

Mohd Rokeman, N. R., & Che Kob, C. G. (2024). Evaluation of the Content Validity Index of a Job Satisfaction Instrument on Performance among Tourism Lecturers in a Malaysian Vocational College. *International Journal of Academic Research in Business and Social Sciences*, *14*(2), 1667–1681. https://doi.org/10.6007/ijarbss/v14-i2/20965

Mondego, D., & Gide, E. (2022). the Use of the Technology Acceptance Model To Analyse the Cloud-Based Payment Systems: a Comprehensive Review of the Literature. *Journal of Information Systems and Technology Management – Jistem USP*, *19*, 1–30. https://doi.org/10.4301/S1807-1775202219007

Myeong-Jun, Park, & Lee, J.-K. (2021). Investigation of College Students' Intention to Accept Online Education Services: An Application of the UTAUT Model in Korea. *Journal of Asian Finance*, *8*(6), 327–0336.

https://doi.org/10.13106/jafeb.2021.vol8.no6.0327

Myeong-Jun, PARK, & LEE, J.-K. (2021). Investigation of College Students' Intention to Accept Online Education Services: An Application of the UTAUT Model in Korea. *Journal of Asian Finance*, *8*(6), 327–0336. https://doi.org/10.13106/jafeb.2021.vol8.no6.0327

Namoco, S. O. (2022). Determinants in the Use of Web 2.0 Tools in Teaching among the Philippine Public University Educators: A PLS-SEM Analysis of UTAUT. *Asia Pacific Journal of Educators and Education*, *36*(2), 77–98. https://doi.org/10.21315/apjee2021.36.2.5

Naveed, Q. N., Alam, M. M., Qahmash, A. I., & Quadri, K. M. (2021). Exploring the determinants of service quality of cloud elearning system for active system usage. *Applied Sciences (Switzerland)*, *11*(9). https://doi.org/10.3390/app11094176

Nelly, F. K., & Prasetiyo, B. (2024). Factors Influencing Student Intentions in Using the Mobile Legends Bang-Bang Game Using the UTAUT 2 and DeLone McLean Models. *Journal of Advances in Information Systems and Technology*, *5*(2), 193–206. https://doi.org/10.15294/jaist.v5i2.67179

Nugraheni, D. M. K., Hadisoewono, A., & Noranita, B. (2020). Continuance Intention to Use (CIU) on Technology Acceptance Model (TAM) for m-payment (Case Study: TIX ID). *ICICoS 2020 - Proceeding: 4th International Conference on Informatics and Computational Sciences*. https://doi.org/10.1109/ICICoS51170.2020.9299100

Nugraheni, D. M. K., Kusumawardani, A., Noranita, B., Adhy, S., Bahtiar, N., & Saputra, R. (2021). *Factors Affecting Student in Accessing Online Tutorial with The Technology Acceptance Model (TAM) (Study case: Commercial Tutorial On line in Indonesia)*. 149–154. https://doi.org/10.1109/icicos53627.2021.9651892

Nurhayati, S., Anandari, D., & Ekowati, W. (2019). The Evaluation of Nutrition Information System Using Combined Method of Unified Theory of Acceptance and Usage of Technology (UTAUT) and Task Technology Fit (TTF). *IOP Conference Series: Earth and Environmental Science*, *255*(1). https://doi.org/10.1088/1755-1315/255/1/012007

Nuryanti, Y., Hutagalung, D., Nadeak, M., Abadiyah, S., Novitasari, D., Insan Pembangunan, S., Tinggi Ilmu Ekonomi Insan Pembangunan, S., & Tinggi Teknologi Bandung, S. (2022). Understanding the Links between System Quality, Information Quality, Service Quality, and User Satisfaction in the Context of Online Learning. *International Journal of Social and Management Studies (Ijosmas)*, *02*(04), 54–64. https://www.ijosmas.org

Omieno, K. K. (2022). A Critical Review of Technology Adoption Theories and Models for E-Learning Systems, Kenya. *International Journal of Innovation Engineering and Science Research*, *6*(2), 2581–4591 https://linkinghub.elsevier.com/retrieve/pii/S0747563220300819

Osei, H. V., Kwateng, K. O., & Boateng, K. A. (2022). Integration of personality trait, motivation and UTAUT 2 to understand e-learning adoption in the era of COVID-19 pandemic. *Education and Information Technologies*, *0123456789*. https://doi.org/10.1007/s10639-022-11047-y

Ozdemir, Y., Kaya, S. K., & Turhan, E. (2020). A scale to measure sustainable campus services in higher education: "Sustainable Service Quality." *Journal of Cleaner Production*, *245*, 118839. https://doi.org/10.1016/j.jclepro.2019.118839

Rabaa'i, A. A., & ALMaati, S. A. (2021). Exploring the Determinants of Users' Continuance Intention to Use Mobile Banking Services in Kuwait: Extending the Expectation-Confirmation Model. *Asia Pacific Journal of Information Systems*, *31*(2), 141–184. https://doi.org/10.14329/apjis.2021.31.2.141

Raffaghelli, J. E., Rodríguez, M. E., Guerrero-Roldán, A. E., & Bañeres, D. (2022). Applying the UTAUT model to explain the students' acceptance of an early warning system in Higher Education. *Computers and Education*, *182*(November 2021). https://doi.org/10.1016/j.compedu.2022.104468

Rahayu, N. W., Ferdiana, R., & Kusumawardani, S. S. (2022). A systematic review of ontology use in E-Learning recommender system. *Computers and Education: Artificial Intelligence*, *3*, 100047. https://doi.org/10.1016/j.caeai.2022.100047

Ramadan, M. J., & Habeeb, I. Q. (2023). A systematic review in recent trends of e-learning usability evaluation techniques. *AIP Conference Proceedings*, *2591*(March). https://doi.org/10.1063/5.0121800

Ramadhan, A., Hidayanto, A. N., Salsabila, G. A., Wulandari, I., Jaury, J. A., & Anjani, N. N. (2022). The effect of usability on the intention to use the e-learning system in a sustainable way: A case study at Universitas Indonesia. In *Education and Information Technologies* (Vol. 27, Issue 2). Springer US. https://doi.org/10.1007/s10639-021-10613-0

Reza, M. D. S. binti M., Tan, S. H., Chong, L. L., & Ong, H. B. (2024). Continuance usage intention of e-wallets: Insights from merchants. *International Journal of Information Management Data Insights*, *4*(2), 100254. https://doi.org/10.1016/j.jjimei.2024.100254

Rezaei, S., Karami Matin, B., Hajizadeh, M., Soroush, A., Mohammadi, Z., Babakhany, M., & Jamshidi, K. (2017). Evaluating service quality in the higher education sector in Iran: an examination of students' perspective. *International Journal of Human Rights in Healthcare*, *10*(2), 146–155. https://doi.org/10.1108/IJHRH-12-2016-0024

Rodrigues, M. W., Isotani, S., & Zárate, L. E. (2018). Educational Data Mining: A review of evaluation process in the e-learning. *Telematics and Informatics*, *35*(6), 1701–1717. https://doi.org/10.1016/j.tele.2018.04.015

Sabeh, H. N., Husin, M. H., Kee, D. M. H., Baharudin, A. S., & Abdullah, R. (2021). A Systematic Review of the DeLone and McLean Model of Information Systems Success in an E-Learning Context (2010-2020). *IEEE Access*, *9*, 81210–81235. https://doi.org/10.1109/ACCESS.2021.3084815

Şahin, F., & Şahin, Y. L. (2021). Examining the Acceptance of E-Learning Systems during the Pandemic: The Role of Compatibility, Enjoyment and Anxiety. *International Technology and Education Journal*, *5*(1), 01–10. https://www.semanticscholar.org/paper/8d9f5a48851e80cf213947e25427ee27b2cfdbe1

Sallehudin, H., Satar, N. S. M., Abu Bakar, N. A., Baker, R., Yahya, F., & Fadzil,

A. F. M. (2019). Modelling the enterprise architecture implementation in the public sector using HOT-Fit framework. *International Journal of Advanced Computer Science and Applications*, *10*(8), 191–198. https://doi.org/10.14569/ijacsa.2019.0100825

Salloum, S. A., Qasim Mohammad Alhamad, A., Al-Emran, M., Abdel Monem, A., & Shaalan, K. (2019). Exploring students' acceptance of e-learning through the development of a comprehensive technology acceptance model. *IEEE Access*, *7*, 128445–128462. https://doi.org/10.1109/ACCESS.2019.2939467

Saqr, R. R., Al-Somali, S. A., & Sarhan, M. Y. (2024). Exploring the Acceptance and User Satisfaction of AI-Driven e-Learning Platforms (Blackboard, Moodle, Edmodo, Coursera and edX): An Integrated Technology Model. *Sustainability (Switzerland)*, *16*(1). https://doi.org/10.3390/su16010204

Schlesinger, W., Cervera-Taulet, A., & Wymer, W. (2023). The influence of university brand image, satisfaction, and university identification on alumni WOM intentions. *Journal of Marketing for Higher Education*, *33*(1), 1–19. https://doi.org/10.1080/08841241.2021.1874588

Schorr, A. (2023). *The Technology Acceptance Model ( TAM ) and its Importance for Digitalization Research : A Review*. 55–65. https://doi.org/10.2478/9788366675896-005

Seo, Y. J., & Um, K. H. (2022). The role of service quality in fostering different types of perceived value for student blended learning satisfaction. *Journal of Computing in Higher Education*, *0123456789*. https://doi.org/10.1007/s12528-022-09336-z

SHABNAM MOHAMED ASLAM, A. K. J., & JABEEN SULTANA, A. L. A. (2021). Feature Evaluation of Emerging E-Learning Systems Using Machine Learning: An Extensive Survey. *IEEE Access*, *9*, 69573–69587. https://doi.org/10.1109/ACCESS.2021.3077663

Shao, Z., Li, X., Guo, Y., & Zhang, L. (2020). Influence of service quality in sharing economy: Understanding customers' continuance intention of bicycle sharing. *Electronic Commerce Research and Applications*, *40*(January), 100944. https://doi.org/10.1016/j.elerap.2020.100944

Sholikah, M., & Sutirman, S. (2020). How technology acceptance model (TAM) factors of electronic learning influence education service quality through students' satisfaction. *TEM Journal*, *9*(3), 1221–1226. https://doi.org/10.18421/TEM93-50

Shulhan, F., & Oetama, R. S. (2019). Analysis of Actual System Use from Bukareksa Mutual Fund Feature Using Technology Acceptance Model. *Proceedings of 2019 International Conference on Information Management and Technology, ICIMTech 2019, August*, 186–191 https://doi.org/10.1109/ICIMTech.2019.8843752

Singh, K., & Puri, G. (2018). The Role Of Service Quality And Customer Satisfaction in Tourism Industry: A review of SERVQUAL Model. Rural Tourism in India View project Service Quality, Satisfaction and Revisit Intention-Study on Select Tourist Destinations in India View project. *IJRAR-International Journal of Research and Analytical Reviews*, *5*(June), 745–751.

http://ijrar.com/

Sitanggang, N., Luthan, P. L. A., & Abdul Hamid, K. (2021). Relationship between total personal quality, service quality and student satisfaction on higher education system. *International Journal of Instruction*, *14*(4), 357–372. https://doi.org/10.29333/iji.2021.14421a

Stefanovic, D., Spasojevic, I., Havzi, S., Lolic, T., & Ristic, S. (2020). 31ST DAAAM INTERNATIONAL SYMPOSIUM ON INTELLIGENT MANUFACTURING AND AUTOMATION INFORMATION SYSTEMS SUCCESS MODELS IN THE E-LEARNING CONTEXT: A SYSTEMATIC LITERATURE REVIEW Models in the E-Learning Context: A Systematic Literature. *Review*
https://doi.org/10.2507/31st.daaam.proceedings.xxx

Sugiyono. (2019). *Metode Penelitian Kuantitatif,kualitatif, dan R&D* (cetakan ke). ALFABETA, CV, Bandung.

Suzianti, A., & Paramadini, S. A. (2021). Continuance intention of e-learning: The condition and its connection with open innovation. *Journal of Open Innovation: Technology, Market, and Complexity*, *7*(1), 97.
https://doi.org/10.3390/JOITMC7010097

Tam, C., Santos, D., & Oliveira, T. (2020). Exploring the influential factors of continuance intention to use mobile Apps: Extending the expectation confirmation model. *Information Systems Frontiers*, *22*(1), 243–257. https://doi.org/10.1007/s10796-018-9864-5

Tamilmani, K., Rana, N. P., Wamba, S. F., & Dwivedi, R. (2021). The extended Unified Theory of Acceptance and Use of Technology (UTAUT2): A systematic literature review and theory evaluation. *International Journal of Information Management*, *57*(April 2020), 102269.
https://doi.org/10.1016/j.ijinfomgt.2020.102269

Teubner, R. A., & Stockhinger, J. (2020). Literature review: Understanding information systems strategy in the digital age. *Journal of Strategic Information Systems*, *29*(4), 101642.
https://doi.org/10.1016/j.jsis.2020.101642

Theresiawati, Seta, H. B., Hidayanto, A. N., & Abidin, Z. (2020). *VARIABLES AFFECTING E-LEARNING SERVICES QUALITY IN INDONESIAN HIGHER EDUCATION: STUDENTS' PERSPECTIVES. 19*, 259–286.

Toh, S. Y., Ng, S. A., & Phoon, S. T. (2022). Accentuating technology acceptance among academicians: A conservation of resource perspective in the Malaysian context. *Education and Information Technologies*, *0123456789*. https://doi.org/10.1007/s10639-022-11288-x

Traditional, C., Approaches, T. T., & Willingness, L. (2024). *Comparing Traditional vs. Technology-Enhanced Teaching Approaches: Implications for Learning Willingness. 1*(1), 27–33.

Tretow-Fish, T. A. B., & Khalid, M. S. (2022). Evaluating Learning Analytics of Adaptive Learning Systems: A Work in Progress Systematic Review. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, 435 LNICST*, 37–52. https://doi.org/10.1007/978-3-031-06675-7_3

Trivedi, D., & Bhatt, A. (2020). Quest for quality: Assessment of service quality of special academic institution library: case study. *Performance Measurement and Metrics*, *21*(1), 1–17. https://doi.org/10.1108/PMM-02-2019-0004

Twum, K. K., Ofori, D., Keney, G., & Korang-Yeboah, B. (2021). Using the UTAUT, personal innovativeness and perceived financial cost to examine student's intention to use E-learning. *Journal of Science and Technology Policy Management*. https://doi.org/10.1108/JSTPM-12-2020-0168

Twum, K. K., Ofori, D., Keney, G., & Korang-Yeboah, B. (2022). Using the UTAUT, personal innovativeness and perceived financial cost to examine student's intention to use E-learning. *Journal of Science and Technology Policy Management*, *13*(3), 713–737. https://doi.org/10.1108/JSTPM-12-2020-0168

Uppal, M. A., Ali, S., & Gulliver, S. R. (2018). Factors determining e-learning service quality. *British Journal of Educational Technology*, *49*(3), 412–426. https://doi.org/10.1111/bjet.12552

Venkatesh, V., & Bala, H. (2008). Technology acceptance model 3 and a research agenda on interventions. *Decision Sciences*, *39*(2), 273–315. https://doi.org/10.1111/j.1540-5915.2008.00192.x

Venkatesh, V., Thong, J. Y. L., Chan, F. K. Y., Hu, P. J. H., & Brown, S. A. (2011). Extending the two-stage information systems continuance model: Incorporating UTAUT predictors and the role of context. *Information Systems Journal*, *21*(6), 527–555. https://doi.org/10.1111/j.1365-2575.2011.00373.x

Verma, A., Singh, A., Lughofer, E., Cheng, X., & Abualsaud, K. (2021). Multilayered-quality education ecosystem (MQEE): an intelligent education modal for sustainable quality education. *Journal of Computing in Higher Education*, *33*(3), 551–579. https://doi.org/10.1007/s12528-021-09291-1

Vuckovic, T., Stefanovic, D., Ciric Lalic, D., Dionisio, R., Oliveira, Â., & Przulj, D. (2023). The Extended Information Systems Success Measurement Model: e-Learning Perspective. *Applied Sciences (Switzerland)*, *13*(5). https://doi.org/10.3390/app13053258

Wang, L. Y. K., Lew, S. L., Lau, S. H., & Leow, M. C. (2019). Usability factors predicting continuance of intention to use cloud e-learning application. *Heliyon*, *5*(6), e01788. https://doi.org/10.1016/j.heliyon.2019.e01788

Wei, X., Saab, N., & Admiraal, W. (2023). Do learners share the same perceived learning outcomes in MOOCs? Identifying the role of motivation, perceived learning support, learning engagement, and self-regulated learning strategies. *Internet and Higher Education*, *56*, 100880. https://doi.org/10.1016/j.iheduc.2022.100880

Yang, H., Cai, J., Yang, H. H., & Wang, X. (2022). Examining key factors of beginner's continuance intention in blended learning in higher education. *Journal of Computing in Higher Education*, *0123456789*. https://doi.org/10.1007/s12528-022-09322-5

Yos Johan Utama, Widowati, dkk. (2018). Sustainable development goals as the basis of university management towards global competitiveness. *Sustainable Development Goals as the Basis of University Management towards Global Competitiveness*.

Yusof, M. M., Kuljis, J., Papazafeiropoulou, A., & Stergioulas, L. K. (2008). An evaluation framework for Health Information Systems: human, organization and technology-fit factors (HOT-fit). *International Journal of Medical Informatics*, *77*(6), 386–398. https://doi.org/10.1016/j.ijmedinf.2007.08.011

Yusoff, M. S. B. (2019). ABC of Content Validation and Content Validity Index Calculation. *Education in Medicine Journal*, *11*(2), 49–54. https://doi.org/10.21315/eimj2019.11.2.6

Zheng, F., Wu, S., Liu, R., & Bai, Y. (2024). What influences user continuous intention of digital museum: integrating task-technology fit (TTF) and unified theory of acceptance and usage of technology (UTAUT) models. *Heritage Science*, *12*(1), 1–19. https://doi.org/10.1186/s40494-024-01365-4

Zwain, A. A. A. (2019). Technological innovativeness and information quality as neoteric predictors of users' acceptance of learning management system: An expansion of UTAUT2. *Interactive Technology and Smart Education*, *16*(3), 239–254. https://doi.org/10.1108/ITSE-09-2018-0065

Pedoman Peta Jalan/Roodmap SDGs Menuju Indonesia 2030, Tujuan Pendidikan, hal.46