

THE IMPACT OF SOCIAL MEDIA ON CUSTOMER BEHAVIOR DURING THE COVID-19

Barween Al Kurdi ¹, Muhammad Turki Alshurideh ², Hevron Alshurideh ³, Ali A. Alzoubi⁴

¹ Department of Marketing, Faculty of Economics and Administrative Sciences, The Hashemite University, P.O. Box 330127, Zarqa 13133, Jordan. Orcid [0000-0002-0825-4617],
barween@hu.edu.jo

² Department of Marketing, School of Business, The University of Jordan, Amman 11942, Jordan,
Orcid [0000-0002-7336-381X], m.alshurideh@ju.edu.jo

³ Department of Foreign Languages, Faculty of English Language and Literature, The University of Jordan, Amman 11942, Jordan. Hevronalshurideh@gmail.com

⁴ Public Security Directorate, Jordan, alialzuobi@yahoo.com

ABSTRACT

The super medium for correspondence during the Covid pandemic is web-based media. The assessment drive aims to close the gap in writing about the usage of online media during the Covid epidemic. This analysis aims to shed light on how using online media during lockdown affects a few estimates. Customers are aware of phone news, and they trust official sources. This analysis demonstrates that respondents' use of electronic media during Covid isn't as old as be typical events because a typical cause for this, persistence. Prior to the Covid pandemic, the majority of electronic media sharing were based on fantasies or incredible urges that may make people uncomfortable. People are in lockdown throughout the pandemic, offering essentially the same ideas, and adhering to identical personal conduct norms. Since there is a regular explanation and clients to deal with, mental flourishing is not adversely impacted.

Keywords: Social Media, Covid-19, Customer Behavior.

1. INTRODUCTION

The subsequent global pandemic, known as Coronavirus disease (Covid), began in Wuhan, People's Republic of China. The World Health Organization (WHO) of the United Nations

declared Covid a pandemic on November 11, 2020, citing 118,000 cases spread across 110 countries [1]–[3]. By March 15, 2020, there were 156,400 cases in 142 countries, with Europe serving as the pandemic's focal point. The following day, the number of cases increased to 181,121 across 155 countries. The following day, the number of patients increased to 196,106. Unquestionably, there were 2,072,113 asserted cases, 510,122 recoveries, and 138,475 fatalities across 185 locations as of April 15th [4], [5].

The rapid improvement is due to a combination of factors, including high infectivity and asymptomatic spread [6], [7]. The media attention also contributed to an increase in Covid care, which helped people become acquainted with the pandemic while also putting pressure on a couple [8]. This research intends to assess the impact of web-based media use during the Covid pandemic [9], [10]. Customers are likely to be influenced as a result of lockdowns increasing their use of online media [11]. The way where people reside changed basically, which is depended upon to change online media use when differentiated and commonplace events [12], [13]. People have started to zero in nearer on their own neatness, flourishing and prosperity than regular events [14]. Importance is given to the money related and monetary prosperity also decreased during the Covid pandemic [15]–[17].

Furthermore, investigating the effects of web-based media use during a pandemic is expected to aid crisis management [18], [19]. Countries do not respond to the pandemic in the same way, so one country's experience can help others [20]–[22]. It is widely expected that new Coronavirus outbreaks will occur in the near future, so evaluating most of the communication medium will be beneficial in the near future as well [23], [24]. This investigation targets revealing the effects of online media use in a couple of estimations during lockdowns [25]–[27]. The survey means to address the assessment question of: 'Are the effects of online media use not as old as be normal events?' [28], [29]. The investigation continues with the writing review, which investigates the impact of electronic media use in a variety of estimations such as public health, fake news, data sharing, and physiological success and pressure [30]–[34]. The technique region describes the assessment strategy, which is followed by audit disclosures and delayed consequences [34], [35]. The final section summarizes research findings and discusses whether or not electronic media use is as old as events and why.

2. LITERATURE REVIEW

2.1. Social Media use, Public Awareness and Decision-Making

Web-based media is one of the best systems of correspondence in this day and age [36]–[39]. There were 4.54 billion dynamic web clients and 3.8 billion dynamic web-based media clients by January 2020 [40]–[42]. Just about four billion dynamic web-based media clients show the infiltration of web-based media. [43], [44] expressed that online media can possibly build the public's familiarity with the security of untamed life. [45], [46] noticed that web-based media could be utilized to build public mindfulness during emergencies while legislatures ought to apply coordinated and very much arranged correspondence to expand trust among residents to trigger data sharing and looking for through interpersonal organizations [20], [47]–[49].

Essentially,[50]–[53] illuminates that chiefs' perspectives are impacted by web-based media, and leaders have given more significance to online media lately [54]. Web-based media is likewise utilized for governmental issues by each ideological group, and it makes a possibility with less financial plan to course their perspectives economically [55]–[58]. Web-based media is additionally utilized widely during the Coronavirus pandemic by the leaders [59], [60]. Social media is likewise a valuable mechanism for the organizations both to expand correspondence, client connections and deals [61]. [62], [63] further notice that web-based media utilization of firms can possibly increment absorptive limit and advancement inside a firm. [54], [64], [65] likewise express that viable interpersonal organization use could make a benefit for little and medium size firms.

2.2. Social media use and societal movements

Not with standing the everyday utilizes for general society and private associations, social media has likewise been utilized for cultural developments like Middle Easterner Spring, Gezi Park Development, #Me-too Development (a development against inappropriate behavior, and the world's most huge environment fights #FridaysForFuture [66]–[69]. These cultural developments feature that online media expanded majority rule support, where individuals who are edited or have a little appearance on conventional media tracked down a medium to communicate their perspectives uninhibitedly [70].

2.3. Social media use and knowledge sharing

[71], [72] directed a methodical audit on Ebola-related logical papers and analyzed the web-based media utilized for general wellbeing correspondence [73]. [74] further expressed that examination ought to be led to help wellbeing communicators. Moreover, [75] demonstrates that public data officials who consistently checked web-based media felt better ready for Zika infection [76].

2.4. Social media use and fake news

[77], [78] noticed that social media clients share counterfeit news because of absence of time to verify the first asset. [79], [80] research reactions of state-run administrations for the Coronavirus pandemic in China, Japan and South Korea, the writers illuminate that phony news spread through web-based media during the Coronavirus pandemic, which may require legitimate activity to forestall spread. [81]–[83] expressed that in Japan, where the #Chinese don't Comet Japan has gained popularity, deceit and false reports associated with the coronavirus have contributed to an increase in prejudice and xenophobia toward sufferers and Chinese visitors [84]. [85], [86] claimed that nearly half (45%) of the tweets associated with the Coronavirus are fake news posts made by automated systems [87]–[89]. This proportion highlights the value of online media users being aware and suggests that they should carefully consider the reliability of the source before sharing it [90], [91]. In a similar vein, the importance of professionals in medical services disseminating rational knowledge via online media is highlighted, which can halt the spread of false information [92], [93]. Likewise, emphasize the role that drug experts play in the fight against medication-related fraud [94].

[95], [96] stated that even scholastics could play a role in the spread of fake news by quickly disseminating incomplete or unseen investigations during Coronavirus. Specialists can identify ongoing work and distributed materials [97], [98]. Simultaneously, the media or public probably won't have the foggiest idea about the distinction and circle the work through features while the presupposition probably won't be precise [99], [100]. Similarly, the Peru government dispatched a site to sum up counterfeit news and later proclaimed that any singular sharing phony news or deception will be condemned to detainment. [101], [102] noticed that official logos of the legislative units are additionally utilized inside the phony news [103]. Oversight of phony news is an overall discussion, and it's anything but another theme. The preclusion of phony news will forestall spread of miss data and lessening related frenzy [102], [104]. Then again, it additionally has expected dangers of prohibiting the right to speak freely of discourse as the substance of phony news will be controlled by the legislatures where imperious states may utilize this even to work on their effect on the media and breaking point inverse voices [105], [106]. The effect of phony news on society can't be dismissed, regardless of whether during pandemics or races [107]. The 2016 US official decisions were a new model. [108] foster a model to build location of phony news where they had 98.36% precision [81]. Viable utilization of data innovations may forestall the spread of phony news without government intercession, as Size illuminates that frenzy identified with Covid would increment if residents

begin to doubt authorities identifying with control or course of data [109]. demonstrate that infodemic makes a critical issue for general wellbeing during Coronavirus pandemic as residents think that it is trying to recognize the phony and reality which shows the need of activity and attention to stop the spread of the phony news [110], [111].

2.5. Social media use, psychological well-being, and anxiety

Social media utilize brought about mental issues like dread of passing up a great opportunity, affectability identified with the quantity of preferences got, public weakness because of articulation of state of mind and uneasiness of losing web-based media accounts [112]–[114]. [115] further notice that the insurance of emotional wellness is essential during the Coronavirus pandemic. Notwithstanding the infection related tension, consideration should be given to cyber psychology as individuals are utilizing their innovative gadgets widely on account of the lockdowns. [116], [117] express that tricky cell use may make uneasiness direct their exploration before the pandemic, where utilization of cell phones is much more inescapable these days [118], [119].

There are likewise specialists which demonstrate that web-based media use makes tension where de Brail, Guillen and Bungee pronounce that YouTube utilization has a relationship with social uneasiness [120]. [111], [121] further notice that negative input, remarks and sharing may expand the uneasiness of clients. Creators likewise notice that web-based media use brings about enthusiastic issues like nervousness and discouragement [122]. At the point when the new examination identified with Coronavirus is analyzed, [123], [124] referenced that tension levels identified with Coronavirus are higher inside individuals who follow more news. [125] likewise illuminate that time spent contemplating the Coronavirus harms mental prosperity. [126]–[128] demonstrated that web-based media use may make nervousness, contingent upon the time spent. shows that the time spent on applications expanded by 20%. Half more information traffic is going on because of Coronavirus . These figures feature that clients will deal with more issues in regards to online media and innovation use, as there is a great deal of information identified with Coronavirus [129]–[131].

2.6. Social media use and behavioral effects

[132] showed that clients mirror their disposition via web-based media, which makes an opportunity for consultancy. Additionally [133] expressed that web-based media could be utilized for online medical care support. [134] further illuminate that clients get social help from the informal community. [135] encouraged wellbeing organizations to utilize Google

Patterns to anticipate client practices and forestall alarm related as what alarm clients are bound to look for the catchphrases identified with Coronavirus [136].

The writing audit shows the impacts of web-based media. From one viewpoint, it empowers correspondence by means of the remainder of the world, while, then again, it may influence the prosperity of clients [137], [138]. This exploration plans to gauge the impact of online media use on Coronavirus pandemic, where there was a lockdown to assess whether web-based media use is something very similar or unique in relation to ordinary occasions [139]. Proposals are made to help pandemic administration carefully

2.7. General Research Model



Figure 1: Conceptual Research Model

3. DISCUSSION

3.1. Advantages of social media use

In the period of the Coronavirus, web-based media have the extraordinary advantage of quick dissemination of educational content. For instance, created an infographic about the aircraft route executives of patients with suspected or confirmed Coronavirus. It was distributed via Twitter and WeChat, and within a few days requests for its translation into more than ten different languages had been received. In addition, the delivery method allowed for the infographic to be customized to the unique characteristics of each healthcare environment.

3.2. Disadvantages of social media use

We have the possibility that the data communicated is out of date, has not been subjected to peer review, is invalid, incorrect, inappropriate for our current situation, or even bogus. Another significant stumbling block for web-based media and data dissemination is the concept of "bubble channels," which educates us about a "customised environment" towards the client, where the calculations, based on information gathered from a similar client, anticipate their

inclinations and yield results that resemble any resemblance of that client. These air pockets create a circle of comparable substance that prevents the client from seeing other sources of data differentiation. This concept applies to any situation or illness that is advised in web crawlers or through online media stages.

Finally, the most obvious negative aspect of social media is the ability to disseminate incorrect, propaganda, and exaggerated data that can cause fear, stress, melancholy, and uneasiness in individuals with or without basic mental illnesses.

3.3. Info-emic and disinformation

It informs us about the torrent of data that has accumulated in the less than four months since the "Coronavirus" outbreak in China. With all the media attention, the torrential slide of information has become exorbitant, something that is also known as "Infodemia." By April 30, 2020, there were more than 8,000 papers in PubMed with the term "Coronavirus" (18, 19).

However, disinformation travels at the same rate as data; it is for this same reason that some authors have suggested forming working groups focused on combating fantasies and disinformation in online media platforms. In light of this, the World Health Organization (WHO) promoted a constrictive section on its website devoted to dispelling the Covid myth.

In relation to this same problem, the clinical community can access early and in vitro research results through broadcasts, which, when combined with the generalized fear of infection and overburdened medical systems, puts pressure on patients to request such test therapies for themselves or their families. In addition, doctors may feel compelled to use them even in the absence of a good reason.

4. CONCLUSION

There are benefits and drawbacks to using web-based media. The effective use of these tools during a pandemic can aid in the rapid dissemination of new significant data, sharing indicative, treatment, and follow-up conventions, contrasting various methodologies from around the world to adapt them to our setting and available resources, with the disadvantage of a potential spread of false information, fantasies, and worrying data when combined with isolation states. As a result, it is prudent to disseminate information without contributing to the infodemic and to employ web-based media with caution.

REFERENCES

- [1] H. M. Alzoubi *et al.*, “Digital Transformation and SMART-The Analytics factor,” in *2022 International Conference on Business Analytics for Technology and Security, ICBATS 2022*, 2022, pp. 1–11. doi: 10.1109/ICBATS54253.2022.9759084.
- [2] M. T. Alshurideh, B. Al Kurdi, and S. A. Salloum, “The moderation effect of gender on accepting electronic payment technology: a study on United Arab Emirates consumers,” *Rev. Int. Bus. Strateg.*, 2021.
- [3] M. El Khatib, M. Alnteiri, and S. A. Al Qasemi, “The Correlation between Emotional Intelligence and Project Management Success,” *iBusiness*, vol. 13, no. 01, pp. 18–29, 2021, doi: 10.4236/ib.2021.131002.
- [4] H. M. Alzoubi *et al.*, “Securing Smart Cities Using Blockchain Technology,” in *2022 1st International Conference on AI in Cybersecurity (ICAIC)*, 2022, pp. 1–4. doi: 10.1109/icaic53980.2022.9896971.
- [5] M. Alshurideh, B. Al Kurdi, S. A. Salloum, I. Arpaci, and M. Al-Emran, “Predicting the actual use of m-learning systems: a comparative approach using PLS-SEM and machine learning algorithms,” *Interact. Learn. Environ.*, pp. 1–15, 2020.
- [6] M. Alshurideh, B. A. Kurdi, and S. A. Salloum, “Investigating a theoretical framework for e-learning technology acceptance,” *Int. J. Electr. Comput. Eng.*, vol. 10, no. 6, 2020, doi: 10.11591/IJECE.V10I6.PP6484-6496.
- [7] M. El Khatib and A. Al Falasi, “Effects of Artificial Intelligence on Decision Making in Project Management,” *Am. J. Ind. Bus. Manag.*, vol. 11, no. 03, pp. 251–260, 2021, doi: 10.4236/ajibm.2021.113016.
- [8] H. M. Alzoubi *et al.*, “Cyber Security Threats on Digital Banking,” in *2022 1st International Conference on AI in Cybersecurity (ICAIC)*, 2022, pp. 1–4. doi: 10.1109/icaic53980.2022.9896966.
- [9] M. El Khatib, A. Al Jaber, and A. Al Mahri, “Benchmarking Projects’ ‘Lessons Learned’ through Knowledge Management Systems: Case of an Oil Company,” *iBusiness*, vol. 13, no. 01, pp. 1–17, 2021, doi: 10.4236/ib.2021.131001.
- [10] G. Ahmed and A. Rafiuddin, “Cultural Dimensions of Economic Development: A Case of UAE,” *Theor. Econ. Lett.*, vol. 08, no. 11, pp. 2479–2496, 2018, doi: 10.4236/tel.2018.811160.
- [11] M. M. El Khatib and G. Ahmed, “Improving Efficiency in IBM Asset Management Software System ‘Maximo’: A Case Study of Dubai Airports and Abu Dhabi National Energy Company,” *Theor. Econ. Lett.*, vol. 08, no. 10, pp. 1816–1829, 2018, doi: 10.4236/tel.2018.810119.
- [12] H. M. Alzoubi, A. U. Rehman, R. M. Saleem, Z. Shafi, M. Imran, and M. Pradhan, “Analysis of Income on the Basis of Occupation using Data Mining,” in *2022 International Conference on Business Analytics for Technology and Security, ICBATS 2022*, 2022, pp. 1–4. doi: 10.1109/ICBATS54253.2022.9759040.
- [13] E. Khatib, Z. M., R. A., and A. Al-Nakeeb, “The effect of AI on project and risk management in health care industry projects in the United Arab Emirates (UAE),” *Int. J. Appl. Eng. Res.*, vol. 6, p. 1, 2021.
- [14] M. M.ElKhatib, “Knowledge Management System: Critical Success Factors and Weight Scoring Model of the Technical Dimensions,” *Int. J. Appl. Inf. Syst.*, vol. 7, no. 9, pp. 6–12, 2014, doi: 10.5120/ijais14-451213.
- [15] H. M. Alzoubi, A. Ali, A. W. Septyanto, I. Chaudhary, H. A. Hamadi, and Z. F. Khan, “Applied Artificial Intelligence as Event Horizon Of Cyber Security,” in *2022 International Conference on Business Analytics for Technology and Security (ICBATS)*, 2022, pp. 1–7. doi: 10.1109/ICBATS54253.2022.9759076.
- [16] M. El Khatib, A. AlMaeni, and W. Alkamali, “The Relation between Effective Digital Program Governance and Program Success,” *Am. J. Ind. Bus. Manag.*, vol. 12, no. 09, pp. 1402–1418, 2022, doi: 10.4236/ajibm.2022.129078.
- [17] T. M. Ghazal *et al.*, “Modeling habit patterns using conditional reflexes in agency,” *Intell. Autom. Soft Comput.*, vol. 30, no. 2, pp. 539–552, Aug. 2021, doi: 10.32604/iasc.2021.018888.
- [18] M. El Khatib, K. Alabdooli, A. AlKaabi, and S. Al Harmoodi, “Sustainable Project Management:

- Trends and Alignment,” *Theor. Econ. Lett.*, vol. 10, no. 06, pp. 1276–1291, 2020, doi: 10.4236/tel.2020.106078.
- [19] G. Ahmed, C. T. Amponsah, and S. S. Deasi, “Exploring the Dynamics of Women Entrepreneurship : A Case Study of UAE,” *Int. J. Bus. Appl. Sci.*, vol. 7, no. 3, pp. 13–24, 2018.
- [20] H. M. Alzoubi and R. Yanamandra, “Investigating the mediating role of Information Sharing Strategy on Agile Supply Chain in Supply Chain Performance,” *Uncertain Supply Chain Manag.*, vol. 8, no. 2, pp. 273–284, 2020.
- [21] K. Elkhatib, M., Al Hosani, A., Al Hosani, I., & Albuflasa, “Agile Project Management and Project Risks Improvements: Pros and Cons.,” *Mod. Econ.*, vol. 13, no. 9, pp. 1157–1176, 2022.
- [22] C. T. Amponsah, G. Ahmed, M. Kumar, and S. Adams, “The business effects of mega-sporting events on host cities: An empirical view,” *Probl. Perspect. Manag.*, vol. 16, no. 3, pp. 324–336, 2018, doi: 10.21511/ppm.16(3).2018.26.
- [23] M. El Khatib, A. Al Hammadi, A. Al Hamar, K. Oraby, and M. Abdulaziz, “How Global Supply Chain Management Is Disrupting Local Supply Chain Management Case of Oil and Gas Industry in UAE,” *Am. J. Ind. Bus. Manag.*, vol. 12, no. 05, pp. 1067–1078, 2022, doi: 10.4236/ajibm.2022.125056.
- [24] G. Ahmed and N. Al Amiri, “An Analysis of Strategic Leadership Effectiveness of Prophet Muhammad (PBUH) Based on Dave Ulrich Leadership Code,” *J. Islam. Stud. Cult.*, vol. 7, no. 1, pp. 11–27, 2019, doi: 10.15640/jisc.v7n1a2.
- [25] H. M. Alzoubi, T. Mehmood, M. Alshurideh, A. Al-Gasaymeh, and G. Ahmed, “Schumpeterian entrepreneurship theory: Evolution and relevance,” *Acad. Entrep. J.*, vol. 25, no. 4, pp. 1–10, 2019.
- [26] M. El Khatib, F. Beshwari, M. Beshwari, and A. Beshwari, “The impact of blockchain on project management,” *ICIC Express Lett.*, vol. 15, no. 5, pp. 467–474, 2021, doi: 10.24507/icicel.15.05.467.
- [27] T. Ghazal, T. R. Soomro, and K. Shaalan, “Integration of Project Management Maturity (PMM) Based on Capability Maturity Model Integration (CMMI),” *Eur. J. Sci. Res.*, vol. 99, p. 418, 2013.
- [28] T. M. Ghazal, M. A. M. Afifi, D. Kalra, and B. Mago, “Information Technology Ethics and Professional Responsibilities,” *Int. J. Adv. Sci. Technol.*, vol. 29, no. 4, pp. 11336–11343, 2020, [Online]. Available: <https://www.researchgate.net/publication/352159596>
- [29] N. Al Amiri, R. A. Rahim, and ..., “The organizational resources and knowledge management capability: A systematic review,” *Bus. Econ. ...*, vol. 15, no. 5, pp. 636–647, 2019, [Online]. Available: https://www.researchgate.net/profile/Nabeel-Al-Amiri/publication/341824121_The_Organizational_Resources_and_Knowledge_Management_Capability_A_Systematic_Review/links/60840ac9907dcf667bbeae96/The-Organizational-Resources-and-Knowledge-Management-Capability
- [30] H. Alzoubi and M. & Alnazer, N., Alnuaimi, “Analyzing the Appropriate Cognitive Styles and its effect on Strategic Innovation in Jordanian Universities,” *Int. J. Bus. Excell.*, vol. 13, no. 1, pp. 127–140, 2017.
- [31] S. Akhtar, A., Bakhtawar, B., & Akhtar, “EXTREME PROGRAMMING VS SCRUM: A COMPARISON OF AGILE MODELS Asma Akhtar, Birra Bakhtawar, Samia Akhtar,” *Int. J. Technol. Innov. Manag. (IJTIM)*, 2(2), vol. 2, no. 2, pp. 80–96, 2022.
- [32] M. El Khatib, L. Nakand, S. Almarzooqi, and A. Almarzooqi, “E-Governance in Project Management: Impact and Risks of Implementation,” *Am. J. Ind. Bus. Manag.*, vol. 10, no. 12, pp. 1785–1811, 2020, doi: 10.4236/ajibm.2020.1012111.
- [33] M. El El Khatib, A. Alhosani, I. Alhosani, O. Al Matrooshi, and M. Salami, “Simulation in Project and Program Management: Utilization, Challenges and Opportunities,” *Am. J. Ind. Bus. Manag.*, vol. 12, no. 04, pp. 731–749, 2022, doi: 10.4236/ajibm.2022.124037.
- [34] T. M. Ghazal *et al.*, “Hep-pred: Hepatitis C staging prediction using fine Gaussian SVM,” *Comput. Mater. Contin.*, vol. 69, no. 1, pp. 191–203, Jun. 2021.
- [35] H. Alzoubi, M. Alshurideh, B. Al Kurdi, and M. Inairat, “Do perceived service value, quality, price fairness and service recovery shape customer satisfaction and delight? A practical study in the service telecommunication context,” *Uncertain Supply Chain Manag.*, vol. 8, no. 3, pp. 579–588, 2020, doi:

- 10.5267/j.uscm.2020.2.005.
- [36] H. M. Alzoubi *et al.*, “IoT for Smart Cities: Machine Learning Approaches in Smart Healthcare-A Review,” *Futur. Internet*, vol. 13, no. 8, p. 218, 2021, doi: 10.3390/fi13080218.
- [37] M. Alshurideh, S. A. Salloum, B. Al Kurdi, A. A. Monem, and K. Shaalan, “Understanding the quality determinants that influence the intention to use the mobile learning platforms: A practical study,” *Int. J. Interact. Mob. Technol.*, vol. 13, no. 11, pp. 157–183, 2019, doi: 10.3991/ijim.v13i11.10300.
- [38] M. M. El Khatib and G. Ahmed, “Management of artificial intelligence enabled smart wearable devices for early diagnosis and continuous monitoring of CVDS,” *Int. J. Innov. Technol. Explor. Eng.*, vol. 9, no. 1, pp. 1211–1215, 2019, doi: 10.35940/ijitee.L3108.119119.
- [39] G. Ahmed and C. T. Amponsah, “Gender Differences in Entrepreneurial Attitude and Intentions: A Case of Dubai,” *Proc. Ed.*, vol. 11, no. 4, pp. 315–334, 2018, [Online]. Available: https://www.researchgate.net/profile/Rudresh-Pandey-2/publication/349368995_Consumers'_purchase_decision_towards_Private_Label_Brands_An_Empirical_Investigation_for_Select_Indian_Retailers/links/602d103f299bf1cc26cfa009/Consumers-purchase-decision-towards
- [40] M. El Khatib, S. Al Blooshi, and A. Al-habeeb, “The Challenge and Potential Solutions of Reading Voluminous Electronic Medical Records (EMR): A Case Study from UAE,” *IOSR J. Bus. Manag. (IOSR-JBM)*, vol. 18, no. 12, pp. 38–46, 2016.
- [41] M. M. El Khatib, G. Ahmed, and A. Al-Nakeeb, “Enterprise Cloud Computing Project for Connecting Higher Education Institutions: A Case Study of the UAE,” *Mod. Econ.*, vol. 10, no. 01, pp. 137–155, 2019, doi: 10.4236/me.2019.101010.
- [42] T. M. Ghazal *et al.*, “Performances of k-means clustering algorithm with different distance metrics,” *Intell. Autom. Soft Comput.*, vol. 30, no. 2, pp. 735–742, Aug. 2021, doi: 10.32604/iasc.2021.019067.
- [43] H. Alzoubi, M. Alshurideh, A. Gasaymeh, G. Ahmed, and B. Al Kurd, “Loyalty program effectiveness: Theoretical reviews and practical proofs,” *Uncertain Supply Chain Manag.*, vol. 8, no. 3, pp. 599–612, 2020, doi: 10.5267/j.uscm.2020.2.003.
- [44] P. S. Ghosh, S., & Aithal, “BEHAVIOUR OF INVESTMENT RETURNS IN THE DISINVESTMENT,” *Int. J. Technol. Innov. Manag. (IJTIM)*, 2(2), vol. 2, no. 2, pp. 65–79, 2022.
- [45] M. Alshurideh, B. Al Kurdi, A. Abu Hussien, and H. Alshaar, “Determining the main factors affecting consumers’ acceptance of ethical advertising: A review of the Jordanian market,” *J. Mark. Commun.*, vol. 23, no. 5, pp. 513–532, 2017, doi: 10.1080/13527266.2017.1322126.
- [46] M. M. El Khatib, A. Al-Nakeeb, and G. Ahmed, “Integration of Cloud Computing with Artificial Intelligence and Its Impact on Telecom Sector—A Case Study,” *iBusiness*, vol. 11, no. 01, pp. 1–10, 2019, doi: 10.4236/ib.2019.111001.
- [47] B. Amrani, A. Z., Urquia, I., & Vallespir, “INDUSTRY 4.0 TECHNOLOGIES AND LEAN PRODUCTION COMBINATION: A STRATEGIC METHODOLOGY BASED ON LINKS QUANTIFICATION Anne Zouggar Amrani, Ilse Urquia Ortega, and Bruno Vallespir,” *Int. J. Technol. Innov. Manag. (IJTIM)*, 2(2), vol. 2, no. 2, pp. 33–51, 2022.
- [48] M. Alshurideh, B. Al Kurdi, S. A. Salloum, Z. M. Obeidat, and R. M. Al-dweeri, “An empirical investigation into examination of factors influencing university students’ behavior towards elearning acceptance using SEM approach,” *Int. J. Interact. Mob. Technol.*, vol. 14, no. 2, pp. 19–41, 2020, doi: 10.3991/ijim.v14i02.11115.
- [49] T. M. Ghazal, H. M. Alzoubi, R. M. Al Batayneh, N. Taleb, R. A. Said, and M. T. Alshurideh, “IT Governance Framework and Smart Services Integration for Future Development of Dubai Infrastructure Utilizing AI and Big Data, Its Reflection on the Citizens Standard of Living,” 2021, pp. 235–247. doi: 10.1007/978-3-030-76346-6_22.
- [50] H. Alzoubi and G. Ahmed, “Do TQM practices improve organisational success? A case study of electronics industry in the UAE,” *Int. J. Econ. Bus. Res.*, vol. 17, no. 4, pp. 459–472, 2019, doi: 10.1504/IJEBR.2019.099975.
- [51] D. M. M. El Khatib, “Integrating Project Risk Management and Value Engineering in Tendering Processes,” *Int. J. Eng. Res.*, vol. 4, no. 8, pp. 442–445, 2015, doi: 10.17950/ijer/v4s8/808.

- [52] T. Ghazal, M. Afifi, and D. Kaira, "Integration of collaboration systems in hospitality management as a comprehensive solution," *Int. J. Adv. Sci. Technol.*, vol. 29, no. 8s, pp. 3155–3173, 2020, [Online]. Available: <http://sersec.org/journals/index.php/IJAST/article/view/16386>
- [53] N. Al Amiri, R. E. A. Rahim, and G. Ahmed, "Leadership styles and organizational knowledge management activities: A systematic review," *Gadjah Mada Int. J. Bus.*, vol. 22, no. 3, pp. 250–275, 2020, doi: 10.22146/gamaijb.49903.
- [54] H. M. Alzoubi, G. Ahmed, A. Al-Gasaymeh, and B. Al Kurdi, "Empirical study on sustainable supply chain strategies and its impact on competitive priorities: The mediating role of supply chain collaboration," *Manag. Sci. Lett.*, vol. 10, no. 3, pp. 703–708, 2020, doi: 10.5267/j.msl.2019.9.008.
- [55] M. Alshurideh, B. Kurdi, and A. Alnaser, "The impact of employee satisfaction on customer satisfaction: Theoretical and empirical underpinning," *Manag. Sci. Lett.*, vol. 10, no. 15, pp. 3561–3570, 2020.
- [56] M. M. El El Khatib and M. J. C. Oplencia, "The Effects of Cloud Computing (IaaS) on E- Libraries in United Arab Emirates," *Procedia Econ. Financ.*, vol. 23, pp. 1354–1357, 2015, doi: 10.1016/s2212-5671(15)00521-3.
- [57] M. El Khatib, A. Kherbash, A. Al Qassimi, and K. Al Mheiri, "How Can Collaborative Work and Collaborative Systems Drive Operational Excellence in Project Management?," *J. Serv. Sci. Manag.*, vol. 15, no. 03, pp. 297–307, 2022, doi: 10.4236/jssm.2022.153017.
- [58] J. C. T. Gaytan, A. M. Sakthivel, S. S. Desai, and G. Ahmed, "Impact of Internal and External Promotional Variables on Consumer Buying Behavior in Emerging Economy – An Empirical Study," *Skyline Bus. J.*, vol. 16, no. 1, pp. 45–54, 2020, doi: 10.37383/sbj160104.
- [59] H. M. Alzoubi, S. Joghee, and A. R. Dubey, "Decisions effectiveness of FDI investment biases at real estate industry: Empirical evidence from Dubai smart city projects," *Int. J. Sci. Technol. Res.*, vol. 9, no. 3, pp. 3499–3503, 2020.
- [60] S. Gorla, "A DECK OF CARDS TO HELP TRACK DESIGN TRENDS TO ASSIST THE," *Int. J. Technol. Innov. Manag. (IJTIM)*, 2(2), vol. 2, no. 2, pp. 1–17, 2022.
- [61] T. M. Ghazal, R. A. Said, and N. Taleb, *Internet of vehicles and autonomous systems with AI for Medical Things*. Soft Computing, 2021.
- [62] H. Alzoubi and A. Alnuaimi, M., Dana Ajelat & Alzoubi, "Toward Intelligent Organizations: An Empirical investigation of Learning Orientation's role in Technical Innovation.," *Int. J. Innov. Learn.*, vol. 29, no. 2, pp. 207–221, 2020.
- [63] M. Alshurideh, B. Al Kurdi, and T. Al afaishata, "Employee retention and organizational performance: Evidence from banking industry," *Manag. Sci. Lett.*, vol. 10, no. 16, pp. 3981–3990, 2020.
- [64] Nasim, S. F., M. R. Ali, and U. Kulsoom, "Artificial Intelligence Incidents & Ethics A Narrative Review. International Journal of Technology, Innovation and Management," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 2, pp. 52–64, 2022.
- [65] M. El Khatib, M. Hammerschmidt, and M. Al Junaibi, "Leveraging innovation input on enhancing smart service quality. Cases from Abu Dhabi Emirate," *Int. J. Manag. Cases*, vol. 23, no. 2, pp. 46–62, 2021, [Online]. Available: <http://www.redi-bw.de/db/ebsco.php/search.ebscohost.com/login.aspx%3Fdirect%3Dtrue%26db%3Dbuh%26AN%3D151548527%26site%3Ddehost-live>
- [66] S. Federico Del Giorgio, "IMPACTS OF CYBER SECURITY AND SUPPLY CHAIN RISK ON DIGITAL OPERATIONS: EVIDENCE FROM THE UAE PHARMACEUTICAL INDUSTRY Federico Del Giorgio Solfa," *Int. J. Technol. Innov. Manag. (IJTIM)*, 2(2), vol. 2, no. 2, pp. 18–32, 2022.
- [67] M. T. Alshurideh and B. H. Al Kurdi, "Facebook Advertising as a Marketing Tool," *Int. J. Online Mark.*, vol. 11, no. 2, pp. 52–74, 2021, doi: 10.4018/ijom.2021040104.
- [68] Khatib, H. Alzoubi, and M. El, "BIM as a tool to optimize and manage project risk management," *Int. J. Mech. Eng.*, vol. 7, no. 1, pp. 6307–6323, 2022.
- [69] T. M. Ghazal, H. M. Alzoubi, and M. Alshurideh, "Integrating BLE Beacon Technology with Intelligent Information Systems IIS for Operations' Performance: A Managerial Perspective," 2021, pp. 527–538.

- doi: 10.1007/978-3-030-76346-6_48.
- [70] H. M. Alzoubi, M. Vij, A. Vij, and J. R. Hanaysha, "What leads guests to satisfaction and loyalty in UAE five-star hotels? AHP analysis to service quality dimensions," *Enlightening Tour.*, vol. 11, no. 1, pp. 102–135, 2021.
- [71] Saad Masood Butt, "Management and Treatment of Type 2 Diabetes," *Int. J. Comput. Inf. Manuf.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijcim.v2i1.71.
- [72] M. Alshurideh, R. Masa'deh, and B. Alkurdi, "The effect of customer satisfaction upon customer retention in the Jordanian mobile market: An empirical investigation," *Eur. J. Econ. Financ. Adm. Sci.*, vol. 47, no. 12, pp. 69–78, 2012.
- [73] T. M. Ghazal *et al.*, "Modelling supply chain information collaboration empowered with machine learning technique," *Intell. Autom. Soft Comput.*, vol. 30, no. 1, pp. 243–257, 2021, doi: 10.32604/iasc.2021.018983.
- [74] Edward Probir Mondol, "the Role of Vr Games To Minimize the Obesity of Video Gamers," *Int. J. Comput. Inf. Manuf.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijcim.v2i1.70.
- [75] Maged Farouk, "Studying Human Robot Interaction and Its Characteristics," *Int. J. Comput. Inf. Manuf.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijcim.v2i1.73.
- [76] H. M. Alzoubi, J. Hanaysha, and M. Al-Shaikh, "Importance of Marketing Mix Elements in Determining Consumer Purchase Decision in the Retail Market," *Int. J. Serv. Sci. Manag. Eng. Technol.*, vol. 12, pp. 56–72, 2021, doi: 10.4018/IJSSMET.2021110104.
- [77] H. M. Alzoubi *et al.*, "Fusion-based supply chain collaboration using machine learning techniques," *Intell. Autom. Soft Comput.*, vol. 31, no. 3, pp. 1671–1687, 2022, doi: 10.32604/IASC.2022.019892.
- [78] T. M. Ghazal *et al.*, "Software defect prediction using ensemble learning: A systematic literature review," *IEEE Access*, vol. 9, no. 1109, pp. 98754–98771, 2021, doi: 10.1109/ACCESS.2021.3095559.
- [79] H. M. Alzoubi *et al.*, "Fuzzy assisted human resource management for supply chain management issues," *Ann. Oper. Res.*, vol. 2, no. 308, pp. 617–629, 2022, doi: 10.1007/s10479-021-04472-8.
- [80] Nada Ratkovic, "Improving Home Security Using Blockchain," *Int. J. Comput. Inf. Manuf.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijcim.v2i1.72.
- [81] Neyara Radwan, "the Internet'S Role in Undermining the Credibility of the Healthcare Industry," *Int. J. Comput. Inf. Manuf.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijcim.v2i1.74.
- [82] M. M. El Khatib and G. Ahmed, "Robotic pharmacies potential and limitations of artificial intelligence: A case study," *Int. J. Bus. Innov. Res.*, vol. 23, no. 3, pp. 298–312, 2020, doi: 10.1504/IJBIR.2020.110972.
- [83] M. El Khatib, H. M. Alzoubi, A. Al Mulla, and W. Al Ketbi, "The Role of Blockchain in E-Governance and Decision-Making in Project and Program Management," *Adv. Internet Things*, vol. 12, no. 03, pp. 88–109, 2022, doi: 10.4236/ait.2022.123006.
- [84] H. M. Alzoubi, S. Hamadneh, O. Pedersen, M. Alshurideh, and B. A. Kurdi, "An Investigation Of The Role Of Supply Chain Visibility Into The Scottish Blood Supply Chain," *J. Leg. Ethical Regul. Issues*, vol. 24, pp. 1–12, 2021.
- [85] N. Alsharari, "the Implementation of Enterprise Resource Planning (Erp) in the United Arab Emirates: a Case of Musanada Corporation," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijtim.v2i1.57.
- [86] M. El Khatib, S. Hamidi, I. Al Ameer, H. Al Zaabi, and R. Al Marqab, "Digital Disruption and Big Data in Healthcare-Opportunities and Challenges," *Clin. Outcomes Res.*, vol. 14, pp. 563–574, 2022, doi: 10.2147/CEOR.S369553.
- [87] H. M. Alzoubi and R. Aziz, "Does emotional intelligence contribute to quality of strategic decisions? The mediating role of open innovation," *J. Open Innov. Technol. Mark. Complex.*, vol. 7, no. 2, p. 130, 2021, doi: 10.3390/joitmc7020130.
- [88] Asem Alzoubi, "Machine Learning for Intelligent Energy Consumption in Smart Homes," *Int. J. Comput. Inf. Manuf.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijcim.v2i1.75.
- [89] M. Alshurideh, B. Al Kurdi, A. Abumari, and S. Salloum, "Pharmaceutical Promotion Tools Effect on

- Physician's Adoption of Medicine Prescribing: Evidence from Jordan," *Mod. Appl. Sci.*, vol. 12, no. 11, pp. 210–222, 2018.
- [90] G. Ahmed and Nabeel Al Amiri, "the Transformational Leadership of the Founding Leaders of the United Arab Emirates: Sheikh Zayed Bin Sultan Al Nahyan and Sheikh Rashid Bin Saeed Al Maktoum," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijtim.v2i1.58.
- [91] T. M. Ghazal, H. M. Alzoubi, R. Naqvi, T. R. Soomro, and M. T. Alshurideh, "The Nexus Between Big Data and Decision-Making: A Study of Big Data Techniques and Technologies," in *The International Conference on Artificial Intelligence and Computer Vision*, 2021, pp. 838–853.
- [92] H. Alzoubi *et al.*, "Predicting the intention to use google glass: A comparative approach using machine learning models and PLS-SEM," *Int. J. Data Netw. Sci.*, vol. 5, no. 3, pp. 311–320, 2021, doi: 10.5267/j.ijdns.2021.6.002.
- [93] T. M. Ghazal, E. Rehman, M. A. Khan, T. R. Soomro, N. Taleb, and M. A. Afifi, "Using blockchain to ensure trust between donor agencies and ngos in under-developed countries," *Computers*, vol. 10, p. 8, Aug. 2021.
- [94] G. M. Qasaimeh and H. E. Jaradeh, "The Impact of Artificial Intelligence on the effective applying of Cyber Governance in Jordanian Banks," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, 2022.
- [95] John Kasem and Anwar Al-Gasaymeh, "a Cointegration Analysis for the Validity of Purchasing Power Parity: Evidence From Middle East Countries," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijtim.v2i1.60.
- [96] T. M. Ghazal, M. Suleman, T. R. Soomro, and M. Alshurideh, "Combating Against Potentially Harmful Mobile Apps," in *The International Conference on Artificial Intelligence and Computer Vision*, 2021, pp. 154–173. doi: 10.1007/978-3-030-76346-6_15.
- [97] H. M. Alzoubi, K. L. Lee, P. N. Romzi, J. R. Hanaysha, and M. Alshurideh, "Investigating the impact of benefits and challenges of IOT adoption on supply chain performance and organizational performance: An empirical study in Malaysia," *Uncertain Supply Chain Manag.*, vol. 10, no. 2, pp. 537–550, 2022, doi: 10.5267/j.uscm.2021.11.009.
- [98] M. Alshurideh, S. A. Salloum, B. Al Kurdi, and M. Al-Emran, "Factors affecting the Social Networks Acceptance: An Empirical Study using PLS-SEM Approach," in *8th International Conference on Software and Computer Applications*, 2019, pp. 1–5.
- [99] H. Alzoubi, M. Shamout, R. Ben-Abdallah, M. Alshurideh, B. Al Kurdi, and S. Hamadneh, "A conceptual model for the adoption of autonomous robots in supply chain and logistics industry," *Uncertain Supply Chain Manag.*, vol. 10, no. 2, pp. 577–592, 2022, doi: 10.5267/j.uscm.2021.11.006.
- [100] Vorobeva Victoria, "Impact of Process Visibility and Work Stress To Improve Service Quality: Empirical Evidence From Dubai Retail Industry," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijtim.v2i1.59.
- [101] T. Eli, "Students' Perspectives on the Use of Innovative and Interactive Teaching Methods at the University of Nouakchott Al Aasriya, Mauritania: English Department as a Case Study," *Int. J. Technol. Innov. Manag.*, vol. 1, no. 2, pp. 90–104, 2021, doi: 10.54489/ijtim.v1i2.21.
- [102] T. M. Ghazal, *Positioning of UAV base stations using 5G and beyond networks for IOMT applications*. Arabian Journal for Science and Engineering, 2021.
- [103] H. M. Alzoubi, K. L. Lee, N. A. N. Azmi, J. R. Hanaysha, and M. T. Alshurideh, "The effect of digital supply chain on organizational performance: An empirical study in Malaysia manufacturing industry," *Uncertain Supply Chain Manag.*, vol. 10, no. 2, pp. 495–510, 2022, doi: 10.5267/j.uscm.2021.12.002.
- [104] H. Alzoubi *et al.*, "The effect of electronic human resources management on organizational health of telecommunications companies in Jordan," *Int. J. Data Netw. Sci.*, vol. 6, no. 2, pp. 429–438, 2022, doi: 10.5267/j.ijdns.2021.12.011.
- [105] H. M. Alzoubi, H. Elrehail, J. R. Hanaysha, A. Al-Gasaymeh, and R. Al-Adaileh, "The Role of Supply Chain Integration and Agile Practices in Improving Lead Time During the COVID-19 Crisis," *Int. J. Serv. Sci. Manag. Eng. Technol.*, vol. 13, no. 1, pp. 1–11, 2022, doi: 10.4018/IJSSMET.290348.
- [106] T. M. Ghazal *et al.*, "An iomt-enabled smart healthcare model to monitor elderly people using machine learning technique," *Comput. Intell. Neurosci.*, vol. 2021, 2021, doi: 10.1155/2021/2487759.

- [107] A. J. Obaid, "Assessment of Smart Home Assistants as an IoT," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, pp. 18–38, 2021, doi: 10.54489/ijcim.v1i1.34.
- [108] T. M. Ghazal *et al.*, "IOMT cloud-based intelligent prediction of breast cancer stages empowered with Deep Learning," *IEEE Access*, vol. 9, pp. 14649–46478, Oct. 2021.
- [109] H. M. Alzoubi, M. In'airat, and G. Ahmed, "Investigating the impact of total quality management practices and Six Sigma processes to enhance the quality and reduce the cost of quality: the case of Dubai," *Int. J. Bus. Excell.*, vol. 27, no. 1, pp. 94–109, 2022, doi: 10.1504/IJBEX.2022.123036.
- [110] M. Farouk, "The Universal Artificial Intelligence Efforts to Face Coronavirus COVID-19," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, pp. 77–93, 2021, doi: 10.54489/ijcim.v1i1.47.
- [111] T. M. Ghazal *et al.*, "Edge AI-Based Automated Detection and Classification of Road Anomalies in VANET Using Deep Learning," *Comput. Intell. Neurosci.*, vol. 2021, pp. 1–19, Sep. 2021, doi: 10.1155/2021/6262194.
- [112] H. M. Alzoubi and Y. Ramakrishna, "Empirical Investigation of Mediating Role of Six Sigma Approach in Rationalizing the COQ in Service Organizations," *Oper. Supply Chain Manag.*, vol. 15, no. 1, pp. 122–135, 2022, doi: 10.31387/oscm0480335.
- [113] N. Guergov, S., & Radwan, "Blockchain Convergence: Analysis of Issues Affecting IoT, AI and Blockchain," *Inf. Manuf.*, vol. 1, no. 1, pp. 1–17, 2021.
- [114] T. M. Ghazal *et al.*, "Energy-efficiency model for residential buildings using supervised machine learning algorithm," *Intell. Autom. Soft Comput.*, vol. 30, no. 3, pp. 881–888, 2021, doi: 10.32604/iasc.2021.017920.
- [115] H. M. Alzoubi *et al.*, "Empirical linkages between ICT, tourism, and trade towards sustainable environment: evidence from BRICS countries," 2022, doi: 10.1080/1331677X.2022.2127417.
- [116] H. M. Alzoubi *et al.*, "AI-Based Prediction of Capital Structure: Performance Comparison of ANN SVM and LR Models," *Comput. Intell. Neurosci.*, vol. 2022, pp. 1–13, 2022, doi: 10.1155/2022/8334927.
- [117] E. P. Mondol, "The Impact of Block Chain and Smart Inventory System on Supply Chain Performance at Retail Industry," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, pp. 56–76, 2021, doi: 10.54489/ijcim.v1i1.30.
- [118] H. M. Alzoubi, J. R. Hanaysha, M. E. Al-Shaikh, and S. Joghee, "Impact of Innovation Capabilities on Business Sustainability in Small and Medium Enterprises," *FIIB Bus. Rev.*, vol. 11, no. 1, pp. 67–78, 2022, doi: 10.1177/23197145211042232.
- [119] T. M. Ghazal *et al.*, "Multi-Dimensional Trust Quantification by Artificial Agents through Evidential Fuzzy Multi-Criteria Decision Making," *IEEE Access*, vol. 9, pp. 159399–159412, 2021, doi: 10.1109/ACCESS.2021.3131521.
- [120] H. Alzoubi, M. Alshurideh, B. Al Kurdi, I. Akour, and R. Aziz, "Does BLE technology contribute towards improving marketing strategies, customers' satisfaction and loyalty? The role of open innovation," *Int. J. Data Netw. Sci.*, vol. 6, no. 2, pp. 449–460, 2022, doi: 10.5267/j.ijdns.2021.12.009.
- [121] O. Gulseven and G. Ahmed, "The State of Life on Land (SDG 15) in the United Arab Emirates," *Int. J. Soc. Ecol. Sustain. Dev.*, vol. 13, no. 1, pp. 1–15, 2022, doi: 10.4018/ijssed.306264.
- [122] A. Abudaqa, R. A. Alzahmi, H. Almujaani, and G. Ahmed, "Does innovation moderate the relationship between digital facilitators, digital transformation strategies and overall performance of SMEs of UAE?," *Int. J. Entrep. Ventur.*, vol. 14, no. 3, pp. 330–350, 2022, doi: 10.1504/ijev.2022.124964.
- [123] H. M. Alzoubi, G. Ahmed, and M. Alshurideh, "An empirical investigation into the impact of product quality dimensions on improving the order-winners and customer satisfaction," *Int. J. Product. Qual. Manag.*, vol. 36, no. 2, pp. 169–186, 2022, doi: 10.1504/IJPQM.2021.10037887.
- [124] A. Alzoubi, "Renewable Green hydrogen energy impact on sustainability performance," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, pp. 94–105, 2021, doi: 10.54489/ijcim.v1i1.46.
- [125] A. M. Sakkthivel, G. Ahmed, C. T. Amponsah, and G. N. Muuka, "The influence of price and brand on the purchasing intentions of Arab women: an empirical study," *Int. J. Bus. Innov. Res.*, vol. 28, no. 2, pp. 141–161, 2022, doi: 10.1504/IJBIR.2022.123260.

- [126] H. M. Alzoubi, M. Alshurideh, B. Al Kurdi, I. Akour, B. Obeidat, and A. Alhamad, "The role of digital marketing channels on consumer buying decisions through eWOM in the Jordanian markets," *Int. J. Data Netw. Sci.*, vol. 6, no. 4, pp. 1175–1185, 2022, doi: 10.5267/j.ijdns.2022.7.002.
- [127] M. A. Khan, "Challenges Facing the Application of IoT in Medicine and Healthcare," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, pp. 39–55, 2021, doi: 10.54489/ijcim.v1i1.32.
- [128] A. Abudaqa, M. F. Hilmi, H. Almujaeni, R. A. Alzahmi, and G. Ahmed, "Students' perception of e-Learning during the Covid Pandemic: a fresh evidence from United Arab Emirates (UAE)," *J. E-Learning Knowl. Soc.*, vol. 17, no. 3, pp. 110–118, 2021, doi: 10.20368/1971-8829/1135556.
- [129] H. Alzoubi, B. Kurdi, M. Alshurideh, I. Akour, E. Tariq, and A. AlHamad, "The effect of social media influencers' characteristics on consumer intention and attitude toward Keto products purchase intention," *Int. J. Data Netw. Sci.*, vol. 6, no. 4, pp. 1135–1146, 2022.
- [130] N. Alsharari, "Integrating Blockchain Technology with Internet of things to Efficiency. International Journal of Technology," *Innov. Manag. (IJTIM)*, vol. 1, no. 2, pp. 1–13, 2021.
- [131] S. Rana, S. Verma, M. M. Haque, and G. Ahmed, "Conceptualizing international positioning strategies for Indian higher education institutions," *Rev. Int. Bus. Strateg.*, vol. 32, no. 4, pp. 503–519, 2022, doi: 10.1108/RIBS-07-2021-0105.
- [132] H. Alzoubi, M. Alshurideh, B. Kurdi, B. Obeidat, S. Hamadneh, and A. Ahmad, "The influence of supply chain partners' integrations on organizational performance: The moderating role of trust," *Uncertain Supply Chain Manag.*, vol. 10, no. 4, pp. 1191–1202, 2022.
- [133] D. Miller, "The Best Practice of Teach Computer Science Students to Use Paper Prototyping. International Journal of Technology," *Innov. Manag. (IJTIM)*, vol. 1, no. 2, pp. 42–63, 2021.
- [134] T. Eli and Lalla Aisha Sidi Hamou, "Investigating the Factors That Influence Students' Choice of English Studies As a Major: the Case of University of Nouakchott Al Aasriya, Mauritania," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, p. 1, 2022, doi: 10.54489/ijtim.v2i1.62.
- [135] T. Mehmood, "Does Information Technology Competencies and Fleet Management Practices lead to Effective Service Delivery? Empirical Evidence from E- Commerce Industry," *Int. J. Technol. Innov. Manag.*, vol. 1, no. 2, pp. 14–41, 2021, doi: 10.54489/ijtim.v1i2.26.
- [136] A. Akhtar, S. Akhtar, B. Bakhtawar, A. A. Kashif, N. Aziz, and M. S. Javeid, "COVID-19 Detection from CBC using Machine Learning Techniques. International Journal of Technology," *Innov. Manag. (IJTIM)*, vol. 1, no. 2, pp. 65–78, 2021.
- [137] H. M. Alzoubi, B. Al Kurdi, I. Akour, and M. T. Alshurideh, "The effect of blockchain and smart inventory system on supply chain performance: Empirical evidence from retail industry," *Uncertain Supply Chain Manag.*, vol. 10, no. 4, pp. 1111–1116, 2022, doi: 10.5267/j.uscm.2022.9.001.
- [138] A. A. Kashif, B. Bakhtawar, A. Akhtar, S. Akhtar, N. Aziz, and M. S. Javeid, "Treatment Response Prediction in Hepatitis C Patients using Machine Learning Techniques," *Int. J. Technol. Innov. Manag.*, vol. 1, no. 2, pp. 79–89, 2021, doi: 10.54489/ijtim.v1i2.24.
- [139] H. M. Alzoubi, T. M. Ghazal, M. T. Alshurideh, B. Al Kurdi, and K. M. K. Alhyasat, "The effect of e-payment and online shopping on sales growth: Evidence from banking industry," *Int. J. Data Netw. Sci.*, vol. 6, no. 4, pp. 1369–1380, 2022, doi: 10.5267/j.ijdns.2022.5.014.