

THE IMPACT OF TRANSPORTATION RELIABILITY ON SUPPLY CHAIN EFFICIENCY AT UAE MARITIME INDUSTRY

Barween Al Kurdi¹, ***Muhammad Turki Alshurideh***², ***Manaf Al-Okaily***³, ***Ali A. Alzoubi***⁴

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 *School of Business, Jadara University 733, Irbid, Jordan. Orcid [0000-0002-1610-7385], m.alokaily@jadara.edu.jo*

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

ABSTRACT

The objective of this research is to consider the transportation reliability and its impact on supply chain performance in maritime industry UAE. A systematic review of literature has focused to find the relationship and dependency of the variables. The research findings can be summarized in order to meet the needs of the shipper, service provider, and consignee, supply chain efficiency in transport logistics should include not only operational efficiency criteria but also measures of service efficacy. It must be focused on the various parties participating in the transport logistics operations and the entire supply chain efficiency rather than just on specific functional areas.

Keywords: *Transportation Reliability, Supply Chain efficiency, Maritime Industry.*

1. INYRODUCTION

The demand for the products that the maritime industry carries and transports makes it one of the largest industries in the world, and as a result, the demand for the maritime industry does not wane over time [1], [2]. Globally, the maritime sector has established a strong reputation. The use of the

water and the ocean for transportation has become the norm for many global marketplaces [3]–[5]. Many businesses acknowledge the significance of controlling their supply chains for quick product launch and service developments to the markets as a result of the development of the global economy and increased competition [6].

Furthermore, many businesses have used supply chain management to boost organizational effectiveness and reach objectives including higher customer value, better resource utilization [7], [8], and increased profitability in order to compete more effectively [9]–[11]. Therefore, this research focused to analyze the transportation reliability on supply chain efficiency that can control a business operations and enhances the growth in order to achieve market competitive advantage [12], [13]. This research includes two variables independent is transportation reliability and supply chain efficiency to be assessed as dependent variable by targeting maritime industry UAE.

2. LITERATURE REVIEW

2.1. Transportation reliability and supply chain

[14]–[16] explained that importance of transportation in the supply chain industry is huge because the markets will actually never work if the transport is not there and that's why people will have to suffer [12], [17]. Think of a vegetable shop or a meat shop which sells vegetables and meat to people [18]–[20]. The shop's business will be affected if the transport is not efficient because it will affect the business in a way that the shop will not be able to get the required products on time and that's why transportation is an important concept [21], [22].

The transport and logistics industry works together because there are many different modes of transport in different industries [23], [24]. Think of logistics because if the transport is not reliable, the products will get affected. The reliable transport will help the companies get an approach to the extensive markets [25], [26] and thus it will increase the span of the company in the market [27], [28]. A well-planned and a proper transport facility will allow the company to reach out to a wider region in the market and offer the products to the local markets and thus it will increase the revenues overtime for the companies in the local markets [29]–[31].

[32], [33] has explained the mobility of labor could be easily done with the help of transport in the supply chain industry [34]. Labors need to be extensively moving along with their products and that's why a reliable transport will help the movement in a perfect manner because if there is not

a reliable transport system, labors will not be able to be moved and thus the company might have to bear a lot of losses [35]–[37]. Also, the concept of economies of scale is there for companies with an efficient supply chain system because when companies start to face losses [38]–[40], they go for economies of scale where they penetrate deeply into the market and offer their products [41], [42]. Thus this increases the lifespan and revenues of the organizations [43]–[45]. The per unit cost of the products goes down because an efficient supply chain helps the companies reduce their costs [46]. It would not have been possible for these industries to procure raw materials [47], [48], gather large number of workers and sell the finished goods, without the efficient facilities of transport [49].

The purchasing power of parity also increases for the customers with a reliable transport facility in the supply chain industry and that's why this is a big benefit for them [50], [51]. A reliable transport option in the supply chain industry also increases the employment opportunities in the region [52], [53] because a lot of people get their jobs and other employment options in the transport industry [54], [55]. The trucking industry in the United States is perhaps the biggest transportation industry around the globe [56] and that's why it has employed millions of people [57]–[59]. Also, if the commodities are easily and flexibly transported, the local producers will be unable to charge the prices on their own [60], [61]. This will help in raising the competition and lowering down the monopoly in many certain regions around the global markets [62]–[66].

2.2. Transportation reliability and maritime industry

[67]–[69] explain that maritime industry is one of the biggest industries around the globe because of the demand of the products the maritime industry carries and transports and that's why the demand for maritime industry does not go down with the passage of time [70]–[72]. The maritime industry has earned a huge name around the globe [73]–[75]. The ocean and sea transports have become a common norm for many markets around the world [76], [77]. There have been several disputes as well due to the maritime industry [78]–[80]. One of the biggest disputes which ever occurred was in South China Sea where the Chinese government had several disputes with its Taiwanese and the US counterparts, and the Hong Kong government too had disputes with the Chinese government [81], [82]. The maritime industry has a lot of advantages overtime because the products being transported through sea and ocean freights have a lot of huge demand in the markets [83]–[85]. The perfect example of a maritime industry transport is when someone sitting in Pakistan orders something from Amazon, the product gets delivered through maritime transport

and that's why it has a huge demand in the global markets [86], [87]. However, it is crucial for maritime industries to have reliable and efficient means of transport [88]–[91]. The reliability should be there because customers always prefer to compromise on price but they do not prefer to wait for the products for long and they want the product to be delivered on time because everyone wants to have the product as soon as possible [92], [93]. This is because of the reason that reliability in transportation in the maritime industry is highly important [94], [95]. A reliable transport allows product delivery flow in a perfect and smooth manner and that's why maritime industry has a huge reliability on transport [96].

The employment opportunities in the maritime industry are high too because a lot of people have been employed in the maritime industry [97], [98] and that's why their employment in the maritime industry gets affected if the transport is not reliable and things get affected [99]–[102]. For example, if a delivery service does not deliver the products on time, the reputation may be tarnished. The era of social media is here, and people go frenzy and that's why a company's reputation gets tarnished and people might lose jobs too [103], [104]. This is the reason reliability in the transport in maritime industry is of huge importance [105]–[107]. Transporters make sure that there are no delays because if there are delays then there are certain complications [108] and it will be difficult for the company to regain its reputation and that's why things will be severely difficult to be controlled [109]–[111]. For this reason, the transportation in the maritime industry has a high value so that there are no losses for companies overtime on their balance sheets [112]–[114]. This is the reason effective companies in the maritime industry make sure that there are no delays in the transportation of the products [115].

2.3. Transportation reliability on supply chain efficiency at Maritime industry

[116]–[118] explained that the significance of transportation in the supply chain operations is tremendous on the grounds that the business sectors will not be able to operate work if the transport isn't there and that is the reason companies always thrive [119], [120]. Think about a vegetable shop or a meat shop which offers vegetables and meat to individuals. The supply chain operations of the shop will be affected due to the disturbance in the transportation [121], [122].

The supply chain industry cooperate in light of the fact that there are a wide range of methods of transport in various enterprises [123], [124]. Consider the companies which are in the supply chain markets, in such a case that the vehicle isn't solid, the items will get influenced [125]–[127]. The

supply efficiencies are highly regarded throughout the world [128] and that's why the global companies around the world are doing everything to support their transportation and that's why they have hired highly qualified transport employees to efficiently coordinate with their workplaces [129]–[132]. The bigger companies around the world have marked their name and reputation because they have retained a consistent transportation in their markets and people have long applauded their functions because of the reliable transport they have retained and that's why these companies have even seen a surge in their profits even during the time of deadly pandemics [133]–[135].

The portability of work could be handily finished with the assistance of transport in the store network industry [136], [137]. Works should be widely moving alongside their items and that is the reason a solid vehicle will help the development in an ideal way since, in such a case that there is certifiably not a dependable vehicle framework, works won't be moved and consequently the organization may need to bear a ton of misfortunes [138].

2.4. General Research Model



Figure 1: Conceptual Research Model

3. DISCUSSION

A systematic review helped to figure out various aspects supporting the significant impact of transportation reliability on supply chain efficiency. Similarly, different businesses use a variety of transit methods the supply chain industry collaborates. The businesses involved in the supply chain with high involvement as if the truck isn't substantial, the goods will be impacted. The value of supply efficiency is widely recognized, thus multinational corporations everywhere are doing everything they can to assist their transportation. To effectively coordinate with their workplaces, they have also engaged highly qualified transport staff [139].

Additionally, the supply chain business might readily facilitate workforce mobility with the aid of transportation. Labors could be moved widely together with their products, that is why a reliable transport system will facilitate the movement perfectly. Without a reliable transportation, labors will be unable to be moved, which could result in significant losses for the business. Additionally, the idea of economies of scale exists for businesses with effective supply chains because, when businesses begin to lose money, they turn to economies of scale, where they expand their market penetration and sell their products.

4. CONCLUSION

In the end to conclude the article, it is evident from the fact that supply chain has a lot of factors, but transportation is one of the most important factor in the supply chain industry. And that's this makes supply chain as one of the most important tools in the logistics industry. The supply chain operations are always efficient if the transportation is reliable because the supply chain operations are highly dependent on transportation. Companies are always better off if their transportation is up to the mark and there is consistency in the transportation activities. And that's why a lot of big companies i.e. Alibaba and Amazon have top notch transportation to support their supply chains and that's why the disturbance in their supply chain is highly rare and for this reason they have grabbed a huge market around the globe.

REFERENCE

- [1] 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.
- [2] 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.
- [3] 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.
- [4] 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.

- [5] 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. 418-428, 2013.
- [6] 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.
- [7] 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.
- [8] 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>
- [9] H. M. Alzoubi, M. T. Alshurideh, B. Al 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, doi: 10.5267/j.uscm.2022.8.009.
- [10] 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.
- [11] 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.
- [12] 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.
- [13] 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.
- [14] 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.
- [15] 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.
- [16] 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.
- [17] A. Akhtar, S. Akhtar, B. Bakhtawar, A. A. Kashif, N. Aziz, and M. S. Javeid, "COVID-19 Detection from CBC using Machine Learning Techniques," *Int. J. Technol. Innov. Manag.*, vol. 1, no. 2, pp. 65-78, 2021, doi: 10.54489/ijtim.v1i2.22.
- [18] 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.
- [19] 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.
- [20] 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.
- [21] H. M. Alzoubi, B. Al 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, doi: 10.5267/j.ijdns.2022.7.006.
- [22] N. Alsharari, “Integrating Blockchain Technology with Internet of things to Efficiency,” *Int. J. Technol. Innov. Manag.*, vol. 1, no. 2, pp. 01–13, 2021, doi: 10.54489/ijtim.v1i2.25.
- [23] H. Alzoubi, M. Alshurideh, B. 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.
- [24] 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.
- [25] 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.
- [26] 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.
- [27] 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.
- [28] M. El Khatib, M. Almtairi, 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.
- [29] 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.
- [30] 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.
- [31] 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.
- [32] 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.
- [33] 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.
- [34] 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.
- [35] 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.
- [36] 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.
- [37] 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://serisc.org/journals/index.php/IJAST/article/view/16386>
- [38] 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
- [39] 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.
- [40] 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.
- [41] 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.
- [42] 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.
- [43] 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.
- [44] N. Guergov, S., & Radwan, "Blockchain Convergence: Analysis of Issues Affecting IoT, AI and Blockchain," *Inf. Manuf.*, vol. 1, no. 1, pp. 1–17, 2021.
- [45] T. M. Ghazal, R. A. Said, and N. Taleb, *Internet of vehicles and autonomous systems with AI for Medical Things*. Soft Computing, 2021.
- [46] 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.
- [47] 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.
- [48] 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.
- [49] H. M. Alzoubi *et al.*, "Empirical linkages between ICT, tourism, and trade towards sustainable environment: evidence from BRICS countries," *Econ. Res. Istraz.*, vol. 37, no. 1, pp. 850–862, 2022, doi: 10.1080/1331677X.2022.2127417.
- [50] 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.
- [51] 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.
- [52] 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.
- [53] 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.
- [54] H. M. Alzoubi and R. Yanamandra, "Investigating the mediating role of information sharing strategy on agile supply chain," *Uncertain Supply Chain Manag.*, vol. 8, no. 2, pp. 273–284, 2020, doi: 10.5267/j.uscm.2019.12.004.
- [55] 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.
- [56] 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.
- [57] 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.
- [58] 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.
- [59] 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.
- [60] 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.
- [61] 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.
- [62] H. M. Alzoubi and R. Yanamandra, “Empirical Investigation of Mediating Role of Six Sigma Approach in Rationalizing the COQ in Service Organizations,” *Oper. Supply Chain Manag. An Int. J.*, vol. 15, no. 1, pp. 2579–9363, 2022.
- [63] 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.
- [64] 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.
- [65] 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.
- [66] 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
- [67] 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.
- [68] 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.
- [69] T. M. Ghazal *et al.*, “Software defect prediction using ensemble learning: A systematic literature review,” *IEEE Access*, vol. 9, pp. 98754–98771, Jul. 2021, doi: 10.1109/ACCESS.2021.3095559.
- [70] 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.
- [71] 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.
- [72] A. Abudaqa, M. F. Hilmi, H. Almujaani, 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.

- [73] H. A. Shamout, Rabeb Ben-Abdallah, Muhammad Alshurideh, "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.
- [74] 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.
- [75] 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.
- [76] 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.
- [77] 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.
- [78] 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.
- [79] 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.
- [80] 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.
- [81] 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.
- [82] 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.
- [83] 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.
- [84] T. M. Ghazal, *Positioning of UAV base stations using 5G and beyond networks for IOMT applications*. Arabian Journal for Science and Engineering, 2021.
- [85] 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.
- [86] G. M. Qasaimh 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.
- [87] 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.
- [88] 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.
- [89] M. Alshurideh, "Pharmaceutical Promotion Tools Effect on Physician's Adoption of Medicine Prescribing: Evidence from Jordan," *Mod. Appl. Sci.*, vol. 12, no. 11, 2018.
- [90] 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.
- [91] 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.
- [92] 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.
- [93] 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.
- [94] 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.
- [95] 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.
- [96] 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.
- [97] 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.
- [98] 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.
- [99] 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.
- [100] 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.
- [101] 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.
- [102] 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.
- [103] H. M. Alzoubi *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.
- [104] 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.
- [105] 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.
- [106] 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.
- [107] 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.

- [108] 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.
- [109] 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.
- [110] M. Alshurideh, B. Al Kurdi, and T. Al faishata, “Employee retention and organizational performance: Evidence from banking industry,” *Manag. Sci. Lett.*, vol. 10, no. 16, pp. 3981–3990, 2020.
- [111] M. M. El El Khatib and M. J. C. Opulencia, “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.
- [112] 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.
- [113] 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.
- [114] 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.
- [115] 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.
- [116] 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.
- [117] 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.
- [118] 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.
- [119] 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.
- [120] 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.
- [121] 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.
- [122] 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.
- [123] 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.
- [124] 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.
- [125] 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.
- [126] 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.
- [127] 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.
- [128] 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.
- [129] H. M. Alzoubi, N. N. Alnazer, and M. A. Alnuaimi, “Analysing 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, doi: 10.1504/IJBEX.2017.085799.
- [130] 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.
- [131] 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.
- [132] 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.
- [133] 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.
- [134] 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.
- [135] 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%3Dhost-live>
- [136] 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/IJEER.2019.099975.
- [137] 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.
- [138] 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/ijseSD.306264.
- [139] 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.