# IMPACT OF SERVICE TRANSPARENCY AND SERVICE CONTROL ON COMPETITIVENESS

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# ABSTRACT

The successful business organizations simply concentrated on their purpose, mission, vision, and goals, and they established open business practices to quench their clients and get the best opportunities to compete with their competitors by offering superior customer service and future orientations. The foundational component of businesses is transparency at all levels, which helps the company gain a significant amount of consumer confidence for both its commercial and residential solutions. These businesses continually assess their rivals' innovative business strategies and client success rates. A systematic review is embracing the research to improve understanding of the impact of service transparency and service control on competitiveness in order to present the literature-based evidence.

Keywords: Service Transparency, Service Control, Competitiveness.

# 1. INTRODUCTION

One of the main goals of corporations is to be competitive, and they strive to do this by advocating any and all means possible to outdo their rivals who have already established themselves as market leaders [1]. The ability to compete is a benefit for business organizations because it motivates them to improve their effectiveness, fair trading tactics, and on-time project delivery to clients, which is the essence of true company management [2]–[4]. The expectations of their customers are closely

related to their operations, and business organizations, particularly in contracting and trading agencies, are heavily involved with risk factors [5]–[7]. At this time, only fair, transparent project strategies and high-quality services are able to support the company's long-term goals [8], [9]. In order to assess the suitable strategies and their impact on organizational competitiveness, this research is formed to conclude the facts with the help of reviewing of prior studies, research, journals and books.

## 2. LITERATURE REVIEW

## 2.1. Service Transparency and Service Control

[10], [11] explained that service transparency is possible only when there is system of service control. The free Trading and Contracting company are highly profitable business in Middle east [12]–[14]. These companies are the leading construction group of companies that are currently managing all kind of commercial and private buildings, villas, residencies, government tenders and many other projects [15], [16]. The companies are known for its high -quality professional services in construction sector where they are plan, design and execute dream projects with cost effective budgets [17], [18]. The contracting companies mainly focusing on all tenure that they committed and deliver on time [19]–[21]. These companies started their journey with staff members in which skilled, semi- skilled and non -skilled employees as a civil maintenance professional and later the company become the known successful building construction business that is providing high quality building solutions for its customers [22]–[25]. Since past decades, there are number of known international brands of contracting trading agencies are coming in middle-east [26], [27].

Service transparency is one of the major goals of the business organizations that they commit with their customers in market and gain huge trust of its customers [28]–[30]. The companies create its market position through its transparent and professional working services that they commit at the time of project development and focusing on all measures that is required to deliver the expected outcomes [31]–[34]. The commercial building and huge mega infrastructure of the Gulf countries mostly designed and construct by the world -famous construction companies [35]–[38]. The reason is that these companies create its trustworthy position and need in the state and become the first choice of the stakeholders and clients [39]. The service transparency is the goal of the business

organization in which they are highly keen to promote all transparent and clear service features for its customers and providing all visible and hidden facts of the projects [8], [40], [41]. The aim of providing huge knowledge and its impacts along with effects and its future development outcomes is a goal of construction companies [42], [43]. The services quality is highly managed by the company through controlling the objects that are essential to clear the project clients to meet their expectations [44], [45]. The construction and contracting trade are one of the core responsibilities on organization in which various risk factors are involved with its continuing progressive outcomes [46]–[48]. The business organizations that are associated with contracting sectors mainly design the huge commercial and business units along with villas and residential projects from small housing schemes to huge private houses and all projects highly focused for transparent business polices and service quality management through controlling the measures of governmental, environmental and social justice [49]–[51]. The companies providing best quality services in all project management and completion through transparent and clear strategic policies that clear the vision of the customers before taking any decision and gain the trust of the several business organizations in same sector [52]–[54]. The services with fair information and controlling on all kind of matters that comes in project is highly observable for the company in order to meet the desire expectations of the clients and become the first choice in construction sector [55]–[57].

#### 2.2. Service Transparency and Competitiveness

[58], [59] explained service transparency and competitiveness has strong relationship. The organizations which are highly keen to promote best quality product services for its customers with competitive advantages and it is only possible when clear information and expectations are understandable for its clients who are expecting the project from the concern departments [48], [60]. The Trading and contracting companies is the leading solution provider of construction of the private and government projects in which commercial, business and private homes, building, business hubs are included [61], [62]. These organizations only focusing on all measures of the project and business that meet the vision and mission of the company that they set at the time of beginning the business plan [63]–[66]. The business organizations always gain the trust of its customers through its visible project or product that is the only sample of the business productivity [67]. There are number of projects are completed in the Gulf countries that is designed and developed by the local and international business companies [68], [69]. These companies only

focusing on services quality management through its clear and fair policies that are easily gain the customer vision [70], [71]. The transparent features of business policies are helping to companies and organizations to build their strong relationships with customers who are the asset of the businesses [72], [73]. The transparent business product features are creating the best and desired outcomes for the clients of the business and they trusted on business organizations for their next projects [74]–[76]. The successful business organizations gain huge customer retention because they are providing detail knowledge and information of the project that is expected by the customers and clear their vision for future outcomes [77], [78]. The companies highly keen to create the customers knowledge -based department where number of professional consultancies are helping to clients to get detail information through clear visible objectives of the project [79], [80]. The companies create its strong position in the gulf region through its clear progressive strategies that is helping to achieve best competitive advantages among its competitors [81]–[83]. There are number of companies are penetrating in market of Middle East especially in trading and contracting industry because the current competition of the region in Arabic countries highly focused for huge mega infrastructures [84] and business commercial hubs in which residential projects and shopping malls are on the top of the list [85]–[87]. The competition in market giving the hard time to the contracting companies and in this respect, the companies are making several polices to attract the customers and hide detail facts of the projects that can be worse for future outcomes [88].

#### 2.3. Service Control and Competitiveness

[89], [90] explained the relationship between service control and competitiveness. Service control has impact on competitiveness. This is the most challenging situation for any kind of business organizations to remain its position in market especially among its customers who came again and again for their need towards the companies [91]–[93]. The competitiveness always gains through the customer retention and it is possible when quality services are providing to the customers along with transparent features of the product, its hidden facts, future outcomes and profit that is related to the expectation [94], [95]. The business organizations have number of shareholders, suppliers, manufacturers and customers and balance between all stakeholders is difficult objective for business organizations [96], [97]. The services should be controlled under the desired management

of the business organization and it is only possible when organizations set the fait polices and strategies for their business that they are providing to their customers and gain their huge satisfaction for the long time run of the business in market [98]–[100]. Business organizations also managing huge business competitiveness in market where already number of contracting and trading companies are effectively managing their business polices through their efficient construction developments and also gaining the customer trust [101]. At this stage the service controlling is one of the objectives for business companies where they have to manage balance between the planning, development, design and execution [102]–[104]. The planning is one of the stages of the project where the company set the actual theme of the project development expectation and concerning with all measures that has to be face during the project [105]. The companies mainly target its customers through providing the best quality services that they are expected with clear and noticeable project information [106], [107]. The construction is one of the sensitive business sectors where huge capital is involved of the shareholders and there is no room for errors [97], [108]. It is high responsible act for contracting companies in which environmental, social, geographical and many other factors are involved [109]. The risk always indulges in the contracting projects and it is only possible when planning and strategic team focused on all measures that create any future conflict [110], [111]. The services controlling is the only solution for business companies in which they are highly promote the competitive advantages in market and gain best future outcomes [112]–[114]. The competition is highly increasing in Gulf Countries especially when all Gulf countries are in the line of to achieve their vision 2030, the construction companies are becoming more active to developed huge commercial, private and government projects that create the country's global position in market [115], [116]. From last few decades the construction projects are highly taking place in Gulf countries and the reason is that to attract the international investors and tourism around the world who have margin to promote the country's economy with high income revenues [117], [118]. Several business organizations also achieve its competitive advantages in from of its rivals through providing the best quality services and controlling objectives and gain best market competitiveness through its customers satisfaction and their retention towards the company as a first choice [119], [120].

## 2.4. The impact of Service transparency and service control on competitiveness

The impact of service transparency and service control help companies to gain competitiveness. The organizations managing transparent and clear business and trading policies with its clients and stakeholders [121], [122]. The companies gains its trust within the short period of time and the reason only focusing on its clear objectives that they are providing to their customers [123], [124]. The company managing its effective business polices through planning, development and implementations that are helping to business to hold its existing customers and gain new customer attention [115], [125]. The company getting best business revenues through clear information providing system in which there is no hidden cost and detail can be hide from the clients and shareholders who are investing their huge capitals from local and international investors [126]–[129]. The good quality services are associated with fair business strategies that is providing by the Rashid group at all levels of the development areas of the project and helping to customers to choose the company for their next projects [130].

The customer satisfaction always can be gain by the good quality of the products and services that are providing by the business organization especially at the time of contracting about the project [131]–[135]. The business organizations gain the customer trust through their fair trading polices and good services that are within the control of the project team members [136]. Because there is no space for any error and before implementations of the projects, the detail knowledge- based information is required to controlling the risk factors that are highly associated with construction sectors [137]. There are number of political, social, environmental and regional factors are involved with contracting business planning and business organizations need to hold all circumstances that are not favorable for them [138], [139]. The service controlling to design the project details and its favorable objectives that are helping to deliver the project on time to its customers.

#### General Research Model

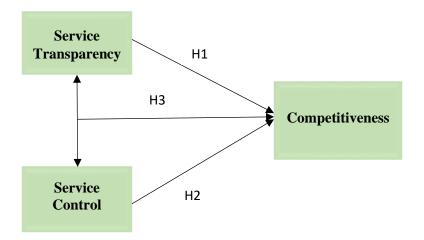


Figure 1: Conceptual Research Model

#### 3. DISCUSSION

The competitiveness is one of the core objectives of the businesses in which they are trying to promote all feasible measures to compete the competitors who are already placed their strong position in market. The competitiveness is an advantage for the business organizations that encourage them to increase their efficiency, effective business polices, fair trading strategies and on time business project delivery to customers that is the real business management. The business organizations especially in contracting and trading agencies are highly involved with risk factors and customers' expectations are highly associated with their operations. At this time, only fair transparent project strategies and services of good quality helping to sustain the business goals for a long period of time. The business organizations always meet the customer's expectations and trust through their satisfaction and their retention because they are only focusing on customer happiness and their trust towards the company. The competition in market especially in Middle East is highly increasing because the foreign investors interest also increasing in UAE and this is the reason the competition is high in the state and several companies actively increasing their expansion of the business with several business strategies and competitive advantages.

## 4. CONCLUSION

The high quality of the goods and services that a business organization offers can always increase client satisfaction, especially when a project is being contracted for. Businesses acquire the trust of their clients by upholding ethical business practices and providing excellent services to get customer retention that ultimately results in market competitiveness. To gain sustainable organizational competitiveness customer satisfaction is more reliable that can be achieved by providing service accuracy and delivering according to the requirement.

# REFERENCES

- [1] 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.
- [2] A. Abudaqa, R. A. Alzahmi, H. Almujaini, 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.
- [3] 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.
- [4] S. Joghee, H. M. Alzoubi, 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, Accessed: Sep. 15, 2022. [Online]. Available: www.ijstr.org.
- [5] 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.
- [6] M. El Khatib, S. Hamidi, I. Al Ameeri, 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.
- [7] 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.
- [8] 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.
- [9] M. Alnuaimi, H. M. Alzoubi, D. Ajelat, and A. A. Alzoubi, "Towards intelligent organisations: An empirical investigation of learning orientation's role in technical innovation," *Int. J. Innov. Learn.*, vol. 29, no. 2, pp. 207–221, 2021.
- [10] A. M. Sakkthivel, G. Ahmed, C. T. Amponsah, and G. N. Muuka, "The influence of price and brand on the purchasing intensions 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.

- [11] 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.*, 2020, doi: 10.1080/10494820.2020.1826982.
- [12] M. T. Alshurideh, B. Al Kurdi, R. Masa'deh, 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.*, vol. 31, no. 3, pp. 375–396, 2021, doi: 10.1108/RIBS-08-2020-0102.
- [13] M. El Khatib, 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.
- [14] 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{\textendash}428, 2013.
- [15] 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.
- [16] 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. A PATHMAKING J., vol. 11, no. 1, pp. 102–135, 2021.
- [17] B. A. Kurdi, M. Alshurideh, and S. A. Salloum, "Investigating a theoretical framework for elearning technology acceptance," *Int. J. Electr. Comput. Eng.*, vol. 10, no. 6, 2020, doi: 10.11591/IJECE.V10I6.PP6484-6496.
- [18] N. Ali *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.
- [19] A. Abudaqa, M. F. Hilmi, H. Almujaini, 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.
- 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%3Dehost-live.
- [21] M. A. M. Afifi, D. Kalra, T. M. Ghazal, 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.
- [22] 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.
- [23] 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.
- [24] 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.

- [25] T. M. Ghazal *et al.*, "Hep-pred: Hepatitis C staging prediction using fine {G}aussian SVM," *Comput. Mater. Contin.*, vol. 69, no. 1, pp. 191–203, Jun. 2021.
- [26] T. M. Ghazal *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.
- [27] R. M. Al Batayneh, N. Taleb, R. A. Said, M. T. Alshurideh, T. M. Ghazal, and H. M. Alzoubi, "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," in *Its Reflection on the Citizens Standard of Living*, 2021, pp. 235–247, doi: 10.1007/978-3-030-76346-6\_22.
- [28] 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.
- [29] 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.
- [30] 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.
- [31] 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.
- [32] A. Alzoubi, "MACHINE LEARNING FOR INTELLIGENT ENERGY CONSUMPTION IN SMART HOMES," Int. J. Comput. Inf. Manuf., vol. 2, no. 1, p. 2022, May 2022, doi: 10.54489/IJCIM.V2I1.75.
- [33] 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.
- [34] A. Q. M. Alhamad, I. Akour, M. Alshurideh, A. Q. Al-Hamad, B. Al Kurdi, and H. Alzoubi, "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.
- [35] F. Del and G. Solfa, "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.
- [36] 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.
- [37] 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, Mar. 2017, doi: 10.1080/13527266.2017.1322126.
- [38] M. M. 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.

- [39] 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.
- [40] 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.
- [41] S. Hamadneh, O. Pedersen, M. Alshurideh, B. A. Kurdi, and H. M. Alzoubi, "An Investigation Of The Role Of Supply Chain Visibility Into The Scottish Blood Supply Chain," J. Leg. Ethical Regul. Issues, vol. 24, no. 1, pp. 1–12, 2021.
- [42] B. A. Kurdi, M. Alshurideh, 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.
- [43] J. Hanaysha, M. Al-Shaikh, and H. M. Alzoubi, "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.
- [44] G. M. Qasaimeh and H. E. Jaradeh, "THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE EFFECTIVE APPLYING OF CYBER GOVERNANCE IN JORDANIAN COMMERCIAL BANKS," *Int. J. Technol. Innov. Manag.*, vol. 2, no. 1, 2022.
- [45] B. Al Kurdi, M. Alshurideh, and T. Al afaishata, "Employee retention and organizational performance: Evidence from banking industry," *Manag. Sci. Lett.*, vol. 10, no. 16, pp. 3981–3990, 2020.
- [46] 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\_E mpirical\_Investigation\_for\_Select\_Indian\_Retailers/links/602d103f299bf1cc26cfa009/Consumers -purchase-decision-towards.
- [47] 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.
- [48] 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.
- [49] 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.
- [50] B. Kurdi, M. Alshurideh, 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.
- [51] 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.
- [52] 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.

- [53] 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.
- [54] M. Alshurideh *et al.*, "Fuzzy assisted human resource management for supply chain management issues," *Ann. Oper. Res.*, pp. 1–19, Jan. 2022, doi: 10.1007/s10479-021-04472-8.
- [55] 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.
- [56] 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.
- [57] 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.
- [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, 2022, doi: 10.54489/ijtim.v2i1.59.
- [59] N. Ali *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.
- [60] S. Goria, "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] 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.
- [62] M. Alshurideh, R. M. d. T. 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. 47, pp. 69–78, 2012.
- [63] 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.
- [64] 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.
- [65] K. L. Lee, P. N. Romzi, J. R. Hanaysha, H. M. Alzoubi, 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.
- [66] 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.

- [67] M. Afifi, D. Kaira, and T. Ghazal, "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://sersc.org/journals/index.php/IJAST/article/view/16386.
- [68] 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.
- [69] 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.
- [70] 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.
- [71] 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, May 2021, doi: 10.3390/joitmc7020130.
- [72] B. H. Al Kurdi and M. T. Alshurideh, "Facebook Advertising as a Marketing Tool," *Int. J. Online Mark.*, vol. 11, no. 2, pp. 52–74, 2021, doi: 10.4018/ijom.2021040104.
- [73] N. N. Alnazer, M. A. Alnuaimi, and H. M. Alzoubi, "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.
- [74] 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.
- [75] S. Guergov and N. Radwan, "Blockchain Convergence: Analysis of Issues Affecting IoT, AI and Blockchain," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, pp. 1–17, 2021, doi: 10.54489/ijcim.v1i1.48.
- [76] T. M. Ghazal, R. A. Said, and N. Taleb, *Internet of vehicles and autonomous systems with AI for Medical Things*. Soft Computing, 2021.
- [77] M. Alshurideh, "Pharmaceutical Promotion Tools Effect on Physician's Adoption of Medicine Prescribing: Evidence from Jordan," *Mod. Appl. Sci.*, vol. 12, no. 11, 2018.
- [78] 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.
- [79] 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.
- [80] 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.
- [81] 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.
- [82] M. Alshurideh, A. Gasaymeh, G. Ahmed, H. Alzoubi, 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.

- [83] H. M. Alzoubi, M. Alshurideh, and T. M. Ghazal, "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.
- [84] M. Alzoubi, H., Alshurideh, M., Alkurdi, B. and 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. 439– 632, 2020.
- [85] 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 ACM International Conference Proceeding Series, 2019, vol. Part F1479, pp. 414–418, doi: 10.1145/3316615.3316720.
- [86] K. L. Lee, N. A. N. Azmi, J. R. Hanaysha, H. M. Alzoubi, 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.
- [87] F. Matloob *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.
- [88] 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.
- [89] M. El Khatib, M. Almteiri, 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.
- [90] M. Shamout, R. Ben-Abdallah, M. Alshurideh, H. Alzoubi, 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.
- [91] M. El Khatib, A. Al Jaberi, 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.
- [92] T. Mehmood, H. M. Alzoubi, 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.
- [93] R. Naqvi, T. R. Soomro, H. M. Alzoubi, T. M. Ghazal, 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, doi: 10.1007/978-3-030-76346-6\_73.
- [94] R. Yanamandra and H. M. Alzoubi, "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.
- [95] 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.

- [96] 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.
- [97] A. Ali, A. W. Septyanto, I. Chaudhary, H. A. Hamadi, H. M. Alzoubi, 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.
- [98] 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.
- [99] M. El Khatib, A. AlMaeeni, 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.
- [100] A. U. Rehman, R. M. Saleem, Z. Shafi, M. Imran, M. Pradhan, and H. M. Alzoubi, "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.
- [101] 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.
- [102] 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.
- [103] T. M. Ghazal 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.
- [104] E. Rehman, M. A. Khan, T. R. Soomro, N. Taleb, M. A. Afifi, and T. M. Ghazal, "Using blockchain to ensure trust between donor agencies and ngos in under-developed countries," *Computers*, vol. 10, p. 8, Aug. 2021.
- [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] 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.
- [107] 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.
- [108] J. Tellez 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.

- [109] M. 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.
- [110] S. Zeeshan Zafar *et al.*, "Empirical linkages between ICT, tourism, and trade towards sustainable environment: evidence from BRICS countries," 2022, doi: 10.1080/1331677X.2022.2127417.
- [111] M. Suleman, T. R. Soomro, T. M. Ghazal, and M. Alshurideh, "Combating Against Potentially Harmful Mobile Apps," in *The International Conference on Artificial Intelligence and Computer Vision*, 2021, pp. 154–173.
- [112] 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, Dec. 2021, doi: 10.54489/IJTIM.V1I2.24.
- [113] 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.
- [114] J. R. Hanaysha, M. E. Al-Shaikh, S. Joghee, and H. M. Alzoubi, "Impact of Innovation Capabilities on Business Sustainability in Small and Medium Enterprises," *FIIB Bus. Rev.*, vol. 12, no. 1, pp. 55–68, 2021.
- [115] 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.
- [116] T. M. Ghazal, *Positioning of UAV base stations using 5G and beyond networks for IOMT applications*. Arabian Journal for Science and Engineering, 2021.
- [117] A. Alhamad *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.
- [118] M. F. Khan *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.
- [119] 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.
- [120] B. Al Kurdi, M. Alshurideh, I. Akour, E. Tariq, A. Alhamad, and H. M. Alzoubi, "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.
- [121] 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, Dec. 2021, doi: 10.54489/IJTIM.V1I2.21.
- [122] M. S. Aslam *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.
- [123] A. Alzoubi, "Renewable Green hydrogen energy impact on sustainability performance," *Int. J. Comput. Inf. Manuf.*, vol. 1, no. 1, p. 2021, Dec. 2021, doi: 10.54489/IJCIM.V1I1.46.

- [124] 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.
- [125] T. Mehmood, "Does Information Technology Competencies and Fleet Management Practices lead to Effective Service Delivery?," *Empir. Evid. from E-Commerce Ind.*, vol. 1, no. 2, pp. 14–41, 2021.
- [126] N. Alsharari, "Integrating Blockchain Technology with Internet of things to Efficiency," *Int. J. Technol. Innov. Manag.*, vol. 1, no. 2, pp. 01–13, Dec. 2021, doi: 10.54489/IJTIM.V1I2.25.
- [127] 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.
- [128] 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.
- [129] R. Bibi et al., "Edge AI-Based Automated Detection and Classification of Road Anomalies in VANET Using Deep Learning," Comput. Intell. Neurosci., vol. 2021, 2021, doi: 10.1155/2021/6262194.
- [130] H. M. Alzoubi, M. T. Alshurideh, B. Al Kurdi, K. M. K. Alhyasat, and T. M. Ghazal, "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.
- [131] 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.
- [132] M. El Khatib, "BIM as a tool to optimize and manage project risk management," *Int. J. Mech. Eng.*, vol. 7, no. 1, pp. 6307–6323, 2022.
- [133] M. T. Alshurideh, B. Al Kurdi, H. M. Alzoubi, 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, Sep. 2022, doi: 10.5267/J.USCM.2022.8.009.
- [134] S.-W. Lee *et al.*, "Multi-Dimensional Trust Quantification by Artificial Agents Through Evidential Fuzzy Multi-Criteria Decision Making," *IEEE Access*, vol. 9, pp. 159399–159412, 2021.
- [135] S. Y. Siddiqui *et al.*, "IoMT Cloud-Based Intelligent Prediction of Breast Cancer Stages Empowered with Deep Learning," *IEEE Access*, vol. 9, pp. 146478–146491, 2021, doi: 10.1109/ACCESS.2021.3123472.
- [136] B. Al Kurdi, M. Alshurideh, I. Akour, H. M. Alzoubi, 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.
- [137] M. M. El Khatib 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.
- [138] 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.

[139] B. Al Kurdi, H. M. Alzoubi, 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.