Consumer Trust and Brand Loyalty in the Global Digital Marketplace: The Role of Corporate Transparency

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Abstract

The speedy growth of the world-wide digital market has led to an increased need for corporate transparency in creating consumer trust and developing brand loyalty. As consumers make their purchases via the digital market more and more often, issues of information truthfulness, data privacy, pricing transparency, and accountability have become important issues that influence their purchase behavior. The following paper suggests the construction of a theoretical model of the relationships between corporate transparency, consumer trust, and brand loyalty, especially focusing on the mediating role of consumer trust. A quantitative and cross-sectional research design is recommended to be applied, including a structured survey and a sample of 300 internet customers. Corporate transparency will be considered as the independent variable, consumer trust – as the mediating variable, and brand loyalty – as the dependent variable. For the sake of demonstrating the model framework, hypothetical relationships are found to be positively associated between corporate transparency and consumer trust ($\beta = 0.640$), consumer trust and brand loyalty ($\beta = 0.580$), and corporate transparency and brand loyalty ($\beta = 0.230$). The hypothetical indirect effect ($\beta = 0.371$) shows the possible mediating effect on the part of consumer trust. These figures are not actual results from any real empirical research and are used only for illustrative purposes. The study offers a theoretical background regarding how the transparent policies of companies may affect consumers' trust and the relationship with brands. The necessity of accurate information and proper management of data and communications should also be emphasized.

Keywords: Corporate Transparency; Consumer Trust; Brand Loyalty; Digital Marketplace; E-Commerce; Consumer Behavior; Information Disclosure; Structural Equation Modeling.

I. INTRODUCTION

1.1 Background of the Study

The rapid advancements in technology have revolutionized the global market in such a way that business enterprises now have an opportunity to connect with consumers via e-commerce, social media, and mobile applications. While there are some benefits of using these technologies, there are many issues of data privacy, accuracy of information, security, and accountability raised against their use (Chen & Dibb, 2010; Ha & Perks, 2005; Christodoulides & Michaelidou, 2010).

Trust of consumers is defined as the consumer's confidence in the reliability, honesty, and capability of the business firm to keep its promise. In the case of the digital world, consumers rely

upon the product description, customer ratings, prices of the product, and the privacy policy to judge the business firm.

Brand loyalty implies customers' consistent favor towards one brand, which shows in repeat purchases, recommendations, and loyalty. In a highly competitive digital market environment, retaining customers' loyalty is critical for sustained business growth. Trustworthiness of consumers, satisfaction from online interactions, and consistent brand performance may lead to the development of strong customer relations (Kim et al., 2011; Kim & Peterson, 2017; Thakur & Kaur, 2017).

Transparency of the company has grown increasingly important in the development of such relations. Transparency refers to delivering truthful and comprehensible information regarding characteristics of the product, pricing policy, functioning of the company, and management of personal data. Transparency allows consumers to make informed decisions and assess the credibility of the corporation. Hence, studying the connection between transparency, trustworthiness of consumers, and brand loyalty would give important information on the management of customer relations in the international digital market environment (Lassoued & Hobbs, 2015; Iglesias et al., 2019).

1.2 Problem Statement

Even in spite of an expanding field of digital commerce, companies still experience difficulties in building up consumer trust and brand loyalty. The confusion that may arise due to unclear prices, deceptive advertising, lack of complete information about products, and worries about the use of consumers' personal data is one of the factors that might have a negative impact on purchasing decisions and consumer-brand relations.

In addition, it is quite easy for consumers to compare rival brands and switch from one digital platform to another. Therefore, besides price competition and convenience, companies need to be credible in order to keep their customers. While corporate transparency might enhance consumer trust, it is yet to be studied to what extent corporate transparency directly impacts brand loyalty and, indirectly, via consumer trust.

Thus, this study aims to investigate the effects of corporate transparency on consumer trust and brand loyalty, as well as explore the mediating effect of consumer trust on corporate transparency and brand loyalty.

1.3 Research Objectives

Main Purpose:

The main aim of the research is to investigate the impact of transparency in business on building trust and brand loyalty of consumers in the global digital marketplace.

The aims of the research are:

1. To investigate the impact of business transparency on consumer trust.
2. To investigate the connection between consumer trust and brand loyalty.
3. To find the connection between transparency in business and brand loyalty.
4. To analyze the mediating effect of consumer trust in the connection between business transparency and brand loyalty.

5. To explore methods of fostering relationships with consumers through transparency in business.

1.4 Research Significance

The relevance of the proposed study lies in the importance of consumer trust and brand loyalty for businesses working in a highly competitive digital environment. The investigation of corporate transparency as a potential determinant of consumer trust adds to the existing body of knowledge on the possible influence of communication and information disclosure on consumer perceptions and behavior.

Conceptually, the current study develops a holistic framework combining such constructs as corporate transparency, consumer trust, and brand loyalty. In particular, consumer trust is considered a mediating variable that allows research on the potential impact of corporate transparency on long-term relationships between consumers and digital brands.

Managerially, the results of the current study can help businesses to build a more efficient customer relationship strategy by means of accurate product information, price transparency, privacy policies, and responsible communication, thus reducing consumers' uncertainty and strengthening brand relationships. Such research results may also be useful for international companies that want to win consumers' confidence in various digital markets.

In sum, this research offers the basis for analyzing how corporate transparency can affect consumer trust and brand loyalty in the global digital market.

II. REVIEW OF LITERATURE

2.1 Consumer Trust in Digital Markets

Consumer trust is an important factor that plays an essential role in purchase behavior in digital markets due to the uncertainties about the quality of the goods, the reliability of sellers, payment safety, and service fulfillment associated with online transactions. Digital information is often used by customers to form opinions about businesses before making any purchases. The accuracy of the information about products, transaction terms, availability of customer service, and protection measures are some of the factors that could affect consumer perceptions of reliability.

Privacy and security become key aspects in establishing trust in relation to digital platforms. In case consumers feel insecure about how their personal data is collected, stored, transferred, and utilized, they may refuse to use a particular platform. However, even having clear policies related to privacy and the management of information could fail as a tool for building trust because, in addition to providing disclosures, consumers should find the provided information understandable and believable. Thus, companies need to combine transparency with security practices to ensure consumer trust (Bandara et al., 2020).

The concept of trust also affects customers' willingness to use digital business further. Online shopping research shows that security, privacy, usability, variety of products, and service reliability are among key aspects influencing the level of consumer trust and loyalty. This means that trust is established on the basis of technology reliability as well as good experience of

customers (Kolotylo-Kulkarni et al., 2021). Consequently, consumer trust can be considered one of the key aspects for analysis of the effect of transparency on consumer behavior.

2.2 Brand Loyalty in Online Commerce

Brand loyalty involves consumers preferring a brand through continuous usage of its products, forming positive attitudes and making recommendations while resisting the urge to switch brands. Online businesses need to foster consumer loyalty because consumers find it quite easy to compare different products, prices, feedback, and services offered by competing organizations. Consumer trust is related to loyalty in that it lowers uncertainties involved in future transactions. Trust occurs when customers feel that a certain brand honors its promise, delivers quality goods and services, and reacts appropriately to any complaints raised by consumers.

According to the literature review on previous studies carried out on e-commerce, there are strong correlations between trust, loyalty, and repeat purchase intention in the e-commerce environment (Alnaim et al., 2022).

The online shopping experience can play a role in building customer loyalty too. Convenient interfaces, reliable deliveries, secure transactions, good services, and efficient complaint handling can help build consumer brand relationships. On the other hand, poor service provision, false product descriptions, and lack of privacy can prompt consumers to think of other brands. Recent studies have looked into the connection between trust and customer loyalty, taking into account online shopping experience and consumer spending habits (Degutis et al., 2023).

Hence, loyalty to a brand in online commerce can be considered a result of efficient services and consumer trust. Organizational transparency can help in this case since it allows consumers to better understand the company and make sure that the brand is living up to its promises.

2.3 Corporate Transparency and Consumer Perception

Corporate transparency is defined as the level of communication of relevant information about the company's products, policies, processes, and practices that is made by the organization. When it comes to the digital markets, transparency could be achieved via such actions as truthful product descriptions, providing full price data, specifying return policies, revealing sponsored information, providing understandable privacy policies, and explaining the work of automated recommendation algorithms. Such measures will allow consumers to evaluate the credibility of corporate statements and purchase their products intelligently.

Transparency in the digital world has multiple dimensions and goes beyond the amount of information that is revealed to customers. The aspects that consumers can consider while evaluating the level of transparency include the clarity, objectivity, openness, and relevance of the information. Studies related to digital customer relationships investigated the connection between transparency and brand trust and engagement of customers, implying the importance of consumers' perception of information for understanding their responses (Shariffuddin et al., 2023).

Moreover, corporate transparency can have an impact on the assessments of credibility and responsibility of the organizations made by consumers. Effective communication, correct

disclosures, and responsible reactions to consumers' problems will allow demonstrating that the business is acting according to its principles. However, the transparency of the company does not necessarily mean that consumers will trust the business and be loyal to the brand because the information must be credible, relevant, and confirmed by the business practices.

2.4 Research Gap

Much research has been carried out regarding consumer trust, privacy issues, digital service quality, and brand loyalty. Previous studies have shown that trust is linked with important consumer outcomes like intentions to repurchase and loyalty. Some researchers have studied the influence of digital transparency and information disclosure on consumer attitudes towards online businesses. This research provides the basis for further investigations in the areas of transparency and trust in digital commerce.

There is still one interesting aspect of research related to transparency and trust that has not received enough attention. Previous research conducted on online trust usually investigates such aspects as privacy, security, usability, and service quality. Research conducted on transparency may focus on certain information disclosures or digital platform characteristics. More investigation is needed to find out if there is any connection between corporate transparency and brand loyalty, and consumer trust explains some parts of this connection.

Global digital markets have a different cultural, economic, and legal environment. Expectations of consumers in terms of information disclosures, privacy protection, and corporate responsibility can differ significantly from one another. Therefore, further research should be done in the field of transparency and trust in the context of global digital markets.

III.RESEARCH OBJECTIVES AND HYPOTHESES

3.1 Research Questions

This paper aims to investigate the connection between corporate transparency, consumer trust, and brand loyalty in the global digital marketplace. The research questions that will be used to conduct the analysis are the following:

- RQ1: What is the impact of corporate transparency on consumer trust in the global digital marketplace?
- RQ2: What is the connection between consumer trust and brand loyalty in e-commerce?
- RQ3: Does corporate transparency affect brand loyalty?
- RQ4: Is there any mediation effect of consumer trust on the relationship between corporate transparency and brand loyalty?

3.2 Research Hypotheses

Considering the research objectives, the following hypotheses will be put forward:

- H1: Corporate transparency positively and significantly affects consumer trust.
- H2: Consumer trust positively and significantly affects brand loyalty.
- H3: Corporate transparency positively and significantly affects brand loyalty.

- H4: Consumer trust mediates the relationship between corporate transparency and brand loyalty.

The hypotheses put forward above establish the connection between the three research constructs proposed. Thus, H1 investigates the effect of transparency on trust, H2 analyses the effect of trust on loyalty, H3 explores the effect of transparency on loyalty, and H4 analyses the mediated effect of transparency through consumer trust.

3.3 Conceptual Framework

The conceptual framework illustrates the proposed relationships between corporate transparency, consumer trust, and brand loyalty. Corporate transparency is the independent variable, consumer trust is the mediating variable, and brand loyalty is the dependent variable.

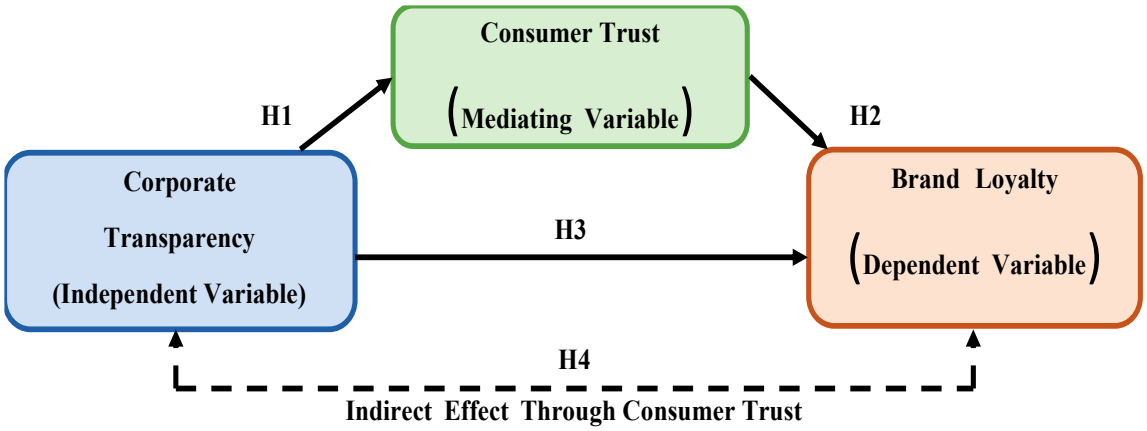

Figure 1: Conceptual Framework of Corporate Transparency, Consumer Trust, and Brand Loyalty

Figure 1 shows the suggested conceptual framework analyzing the correlation between corporate transparency, consumer trust, and brand loyalty within the global digital market environment. Corporate transparency will be the independent variable, consumer trust will be the mediating variable, and brand loyalty will be the dependent variable in the framework. Thus, the suggested framework suggests that corporate transparency has a positive impact on consumer trust (H1), and consumer trust positively impacts brand loyalty (H2). In addition, corporate transparency should have a positive impact on brand loyalty directly (H3). The mediating effect of consumer trust (H4) will account for the indirect impact of corporate transparency on brand loyalty.

IV. RESEARCH METHODOLOGY

4.1 Research Design

In this study, the quantitative research methodology will be applied to investigate the relationships between corporate transparency, consumer trust, and brand loyalty within the global digital marketplace. In particular, the use of a cross-sectional survey design is suggested in order to obtain data from consumers who had previous experience buying products/services through digital platforms. The use of the quantitative approach allows for a systematic measurement of consumers' perceptions and analysis of relationships between the constructs of

the study. This research is built on the conceptual framework where the independent variable is corporate transparency, the mediating variable is consumer trust, and the dependent variable is brand loyalty. The relationships between the variables are tested in four hypotheses (H1-H4). As the study is observational and cross-sectional, the results will be interpreted as associations.

4.2 Data Collection and Sampling

Primary data will be collected using a structured online questionnaire distributed to consumers who have used digital marketplaces for purchases in the past. The target population consists of adult online shoppers aged 18 years and above who have made at least one online purchase in the last six months. A non-probability purposive sampling method will be utilized in identifying the target respondents having digital purchasing experience. The online questionnaire will be disseminated via online communication mediums such as email, social media, and consumer discussion forums. A targeted sample size of about 300 responses will be obtained to conduct statistical analysis, based on an appropriate sample size or power calculation. Participation in the study will be voluntary, and respondents will be educated regarding the purpose of the research, confidentiality of information, and their right to withdraw from the research process. Respondents' demographic information such as age, gender, education, frequency of online purchases and digital purchasing experience will also be obtained. The sample size, recruitment places and response rate will be determined after data collection. Purposive sampling does not result in a probability sample; therefore, generalization to all global digital consumers will not be possible.

4.3 Variables and Measurement

Three main constructs will be investigated in the research:

Corporate transparency, consumer trust, and brand loyalty. Corporate transparency means how well consumers perceive the clarity, accuracy, availability, and comprehensiveness of information shared by digital firms. Consumer trust is defined as consumers' perception of the reliability, integrity, and competence of online firms. Brand loyalty is defined as consumers' willingness to continue buying from a favorite brand, recommending it to other people, and having a long-lasting relationship with it. Each construct will be assessed via multiple items on a five-point Likert scale, where 1 stands for "strongly disagree" and 5 stands for "strongly agree". The suggested measurement dimensions and indicators are shown in table 1.

Table 1: Proposed Measurement of Research Constructs

Construct	Measurement indicators	Scale
Corporate Transparency (CT)	Information Clarity, Pricing Disclosure, Privacy Transparency, Communication Openness	5-point Likert
Consumer Trust (CTr)	Reliability, Integrity, Security Confidence, Fulfilment of Promises	5-point Likert
Brand Loyalty (BL)	Repeat Purchase Intention, Brand Preference, Recommendation Intention, Continued Engagement	5-point Likert

4.4 Data Analysis Methods

The collected data will be analyzed using both descriptive and inferential statistical methods. First, data screening will be carried out to detect any missing values, duplicates, inconsistencies, and outliers in the dataset. Frequency, percentage, mean, and standard deviation measures will be generated using descriptive statistics to describe respondents' demographic and research variables. Reliability of data will be measured using Cronbach's alpha and composite reliability with values of 0.70 or higher accepted as reliable. Factor loadings and average variance extracted (AVE) will be used to assess convergent validity using an AVE cut-off value of 0.50. Finally, discriminant validity will be measured using heterotrait-monotrait ratio (HTMT) with an HTMT value of 0.85 being conservative for this purpose.

The structural equation modeling (SEM) approach will be applied to investigate the associations between corporate transparency, consumer trust, and brand loyalty. Structural models will be used to test the direct impacts on H1, H2, and H3 hypotheses, while mediation models will be employed for H4. The suggested structural equations are provided below in equations (1) and (2):

$$CTr = \beta_0 + \beta_1 CT + \varepsilon_1 \quad (1)$$

$$BL = \gamma_0 + \gamma_1 CT + \gamma_2 CTr + \varepsilon_2 \quad (2)$$

Where CT represents corporate transparency, CTr denotes consumer trust, and BL indicates brand loyalty. The coefficients β_1, γ_1 and γ_2 represent the proposed structural relationships, while ε_1 and ε_2 denote residual terms.

V. CORPORATE TRANSPARENCY AND CONSUMER TRUST

5.1 Transparency in Corporate Communication

Communication transparency by corporations is an essential aspect in creating consumer trust in the global digital marketplace. Communication transparency refers to the practice of offering relevant, accessible, consistent, and clear information related to products and services, pricing policies, business processes, and organisational decision-making processes. In digital contexts, consumers rely on information that is offered to them via the company's website, social media, advertising, and customer service. Thus, the effectiveness of corporate communication has the potential to impact consumer perception and purchase decisions.

Good communication helps mitigate information imbalance between companies and consumers since it allows the latter to make assessments of their products and services prior to purchase. Disclosing such aspects as the technical information about a product or its service, conditions for delivery, refund policy, additional costs, etc., by companies can help mitigate consumer uncertainty and enhance their trust.

5.2 Data Privacy and Information Disclosure

The concept of data privacy is an essential component of corporate transparency since most digital companies have access to customer information through online transactions. This information includes personal identification details, purchasing history, payment details, web browsing activities, and other consumer preferences. While it helps in offering personalized

service and digital marketing campaigns, the consumer may get concerned in cases where such data handling is not disclosed to them.

Information disclosure implies the explanation of the privacy policy, reasons for collecting customer data, data protection mechanisms, and consumer privacy rights in clear terms. It allows the company to make the consumers understand the ways in which data handling is done.

VI. CONSUMER TRUST AND BRAND LOYALTY

6.1 Trust and Purchase Intention

Another significant element impacting the purchase intention is the consumer trust. It is defined as the degree of willingness to buy products and services offered by certain enterprises. Due to the uncertainties associated with digital shopping in terms of quality of goods, security of payment, delivery reliability, and fulfillment of orders, people evaluate the trust of certain digital enterprises before buying.

Trust decreases perceived risks associated with the process of purchase through the increase in consumers' confidence in the ability of an enterprise to perform its promise. The readiness to buy can be enhanced by the confidence of consumers in the fact that certain digital brand offers reliable and precise information about its goods and guarantees their safety. The fears of the lack of credibility of advertisement, extra payments and unreliable seller are able to hinder the process of purchasing.

Besides, consumer trust can affect the success of digital marketing strategy implementation. The messages used in promotion, product recommendation, and advertisement become more credible for the consumer who is sure in the trust of the enterprise. This connection can be reinforced by positive purchasing experience.

6.2 Customer Satisfaction and Repeat Purchases

Customer satisfaction is defined as the consumers' perception regarding the fulfillment of their needs by a product or service. Customer satisfaction on online platforms may be affected by the quality of the product, ease of navigation of the website, convenience of payment, reliability of delivery, customer service, and provision of accurate information during the transaction process. Such a positive experience could increase the consumer’s trust in the brand and motivate him to interact more with the brand.

Repeat purchasing is one of the behavioral aspects of brand loyalty. Consumers that have always been receiving satisfying products and services will tend to repeat purchasing from the same brand in future transactions. The role of trust in this process is in minimizing the uncertainty and creating expectations about the reliability of the business.

Customer satisfaction and brand loyalty are two different concepts. A consumer can be satisfied with a particular transaction but at the same time decide to choose other brands due to price considerations.

VII. RESULTS AND DISCUSSION

7.1 Descriptive Analysis

The descriptive data will demonstrate the attitudes of consumers towards corporate transparency, consumer trust, and brand loyalty in the global digital marketplace. In the context of the research, a hypothetical sample size of 300 online consumers is taken into consideration and the three variables of research are measured using a five-point Likert scale, with 1 being "Strongly Disagree" and 5 being "Strongly Agree". According to the illustrative data, the mean value of corporate transparency is 3.84, which means that there is rather a favorable attitude towards information transparency, price disclosure, and corporate communication. The mean value of consumer trust is 3.91, which means that there is also a rather positive attitude towards reliability of the company, privacy protection, and service credibility. The mean value of brand loyalty is 3.76, which means that there are some favorable intentions towards purchasing the product once again and showing preference towards it.

7.2 Hypothesis Testing

This example of hypothesis testing employs a structural equation modeling approach to investigate the direct and indirect effects between corporate transparency, consumer trust, and brand loyalty. Hypothetical standardized path coefficients suggest that there are positive relationships between the research constructs. Corporate transparency shows positive relationship with consumer trust ($\beta = 0.64$), whereas consumer trust has a positive relationship with brand loyalty ($\beta = 0.58$). However, the direct effect of corporate transparency on brand loyalty is relatively weak ($\beta = 0.23$). This is an illustrative indirect effect: $0.64 \times 0.58 = 0.3712$, which means that consumer trust may act as a mediator variable. Table 2 provides the descriptive statistics and results of hypothesis testing.

Table 2: Descriptive Statistics and Hypothesis Testing Results (Hypothetical n = 300)

Analysis / Construct	Mean	SD	Standardised β	Illustrative p-value	Illustrative decision
Corporate Transparency	3.84	0.69	—	—	—
Consumer Trust	3.91	0.65	—	—	—
Brand Loyalty	3.76	0.72	—	—	—
H1: CT → CTr	—	—	0.640	<0.001	Supported
H2: CTr → BL	—	—	0.580	<0.001	Supported
H3: CT → BL	—	—	0.230	0.004	Supported
H4: CT → CTr → BL	—	—	0.371	<0.001	Supported

7.3 Interpretation of Findings

Based on the hypothetical results, corporate transparency might have a vital role in enhancing consumer trust in digital markets. The positive value of β (0.640) implies that effective corporate communication, accurate product disclosure, and data handling might be linked to greater consumer trust.

The direct link between consumer trust and brand loyalty (H2: $\beta = 0.580$) implies that consumers who view digital companies as trustworthy and credible might have stronger intentions to buy products or services from chosen brands again. Trust may result in positive evaluations of the brand, repeated purchase intentions, and ongoing customer relationships. The

direct link between corporate transparency and brand loyalty (H3: $\beta = 0.230$) is relatively weak, meaning that corporate transparency might affect brand loyalty regardless of consumer trust.

VIII. CONCLUSION AND FUTURE RESEARCH

This study is focused on the correlation between corporate transparency, consumer trust, and brand loyalty in global digital markets. The main features of the conceptual model are transparency of the communication, information disclosure, responsible data management and accountability of organizations that can contribute to the increase of consumer confidence. In particular, the illustration shows positive correlations between the variables of corporate transparency and consumer trust ($\beta = 0.640$), consumer trust and brand loyalty ($\beta = 0.580$), and corporate transparency and brand loyalty ($\beta = 0.230$). Moreover, the hypothetical indirect effect ($\beta = 0.371$) demonstrates the possible mediation of consumer trust in the relationship of transparency and brand loyalty. However, the above-listed numbers are illustrative only and need to be confirmed in practice. The study pays attention to the necessity of transparency of pricing policy, product information, privacy information and communication with consumers as the key aspects for the establishment of long-term relationships. From the theoretical point of view, the study unifies the concepts of transparency, trust and loyalty. Future studies should conduct validation of the postulated relationship using survey-based primary data. Comparisons across cultures would enable future researchers to explore how the regulatory environment, digital literacy and consumer expectation impact the perception of transparency. In addition, future research can also explore customer satisfaction, risk perception and artificial intelligence-based customization as moderator or mediator variables.

REFERENCES

[1] Chen, J., & Dibb, S. (2010). Consumer trust in the online retail context: Exploring the antecedents and consequences. *Psychology & Marketing*, *27*(4), 323-346. https://doi.org/10.1002/mar.20334

[2] Ha, H. Y., & Perks, H. (2005). Effects of consumer perceptions of brand experience on the web: Brand familiarity, satisfaction and brand trust. *Journal of consumer behaviour: An international research review*, *4*(6), 438-452. https://doi.org/10.1002/cb.29

[3] Christodoulides, G., & Michaelidou, N. (2010). Shopping motives as antecedents of e-satisfaction and e-loyalty. *Journal of Marketing Management*, *27*(1-2), 181-197. https://doi.org/10.1080/0267257X.2010.489815

[4] Kim, M. J., Chung, N., & Lee, C. K. (2011). The effect of perceived trust on electronic commerce: Shopping online for tourism products and services in South Korea. *Tourism management*, *32*(2), 256-265. https://doi.org/10.1016/j.tourman.2010.01.011

[5] Kim, Y., & Peterson, R. A. (2017). A Meta-analysis of Online Trust Relationships in E-commerce. *Journal of interactive marketing*, *38*(1), 44-54. https://doi.org/10.1016/j.intmar.2017.01.001

[6] Thakur, A., & Kaur, R. (2017). An empirical study on consumer trust in online shopping in Punjab. *Indian Journal of Marketing*, 47-59. https://doi.org/10.17010/ijom/2017/v47/i2/110027

[7] Lassoued, R., & Hobbs, J. E. (2015). Consumer confidence in credence attributes: The role of brand trust. *Food Policy*, *52*, 99-107. https://doi.org/10.1016/j.foodpol.2014.12.003

[8] Iglesias, O., Markovic, S., Singh, J. J., & Sierra, V. (2019). Do customer perceptions of corporate services brand ethicality improve brand equity? Considering the roles of brand heritage, brand image, and recognition benefits. *Journal of business ethics*, *154*(2), 441-459. https://doi.org/10.1007/s10551-017-3455-0

[9] Bandara, R., Fernando, M., & Akter, S. (2020). Privacy concerns in E-commerce: A taxonomy and a future research agenda: *Electronic Markets*, *30*(3), 629-647. https://doi.org/10.1007/s12525-019-00375-6

[10] Kolotylo-Kulkarni, M., Xia, W., & Dhillon, G. (2021). Information disclosure in e-commerce: A systematic review and agenda for future research. *Journal of business research*, *126*, 221-238. https://doi.org/10.1016/j.jbusres.2020.12.006

[11] Alnaim, A. F., Sobaih, A. E. E., & Elshaer, I. A. (2022). Measuring the mediating roles of e-trust and e-satisfaction in the relationship between e-service quality and e-loyalty: A structural modeling approach. *Mathematics*, *10*(13), 2328. https://doi.org/10.3390/math10132328

[12] Degutis, M., Urbonavičius, S., Hollebeek, L. D., & Anselmsson, J. (2023). Consumers' willingness to disclose their personal data in e-commerce: A reciprocity-based social exchange perspective. *Journal of Retailing and Consumer Services*, *74*, 103385. https://doi.org/10.1016/j.jretconser.2023.103385

[13] Shariffuddin, N. S. M., Azinuddin, M., Yahya, N. E., & Hanafiah, M. H. (2023). Navigating the tourism digital landscape: The interrelationship of online travel sites' affordances, technology readiness, online purchase intentions, trust, and E-loyalty. *Heliyon*, *9*(8), 1-14. https://doi.org/10.1016/j.heliyon.2023.e19135