Factors to Improve Customer Loyalty towards Yemeni Student Recruitment Agencies in Malaysia

Yosra Ahmed Alkhaled ¹ p, Valliappan Raju ² p, Salina Kassim ³ p Limkokwing University of Creative Technology, Cyberjaya, Malaysia ²³ International Islamic University of Malaysia, Malaysia

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ABSTRACT

Purpose – Based on several previous academic and business research, this study aims to deliver the understanding of the concept of customer loyalty. In this study, it will be conducted to provide a conceptual framework to explore how relationship quality dimensions and service quality affect customer loyalty through the mediating of customer engagement in student recruitment agencies context. Based on previous studies, it will propose relationship quality and service quality as a comprehensive meaning and customer engagement just as a mediator to enhance loyalty.

Design/methodology/approach — The study reviews several previous studies and ends up with the conceptual framework to discuss more applied of relationship marketing and servqual theory tomeasure customer satisfaction, trust, commitment, communication, and service quality through the quantitative method.

Findings – Focusing on the current literature studies of relationship quality dimensions, service quality, and customer engagement enhance the understanding of customer loyalty. So the proposed conceptual framework of the mediating of customer engagement is a very vital role to strengthen the correlation between the factors and customer loyalty.

Originality/value – The contribution of the conceptual framework will explain the role of customer engagement on the relationship between satisfaction, trust, commitment, communication, and service quality on customer loyalty. It can be added value on how customer engagement plays a very important role in the recruitment agencies industry which leads to the increasing number of customer

Introduction

The aim of this study is to explore the relationship between factors of satisfaction, trust, commitment, communication, and service quality through the mediating effect of customer engagement on customer loyalty. This study will focus on customer engagement to achieve the increasing number of customer loyalty. It discusses the contribution of customer engagement between factors and customer loyalty. As previous studies indicate that factors are very important and increase the number of loyalty, it is vital to consider more on customer engagement to enhance and increase the number of loyalty. So student requirement agencies should focus on these factors to build their strategies for improving loyalty in the agencies. This study will discuss the relevant theories of supporting customer satisfaction, customer trust, commitment, communication, and service quality, conceptual framework of the mediating of the customer engagement, the relationship between each variable of relationship marketing theory, servqual theory, customer engagement, and customer loyalty.

Customer loyalty is arguably the most important factor in achieving business success. Customer loyalty is a crucial factor in achieving a sustainable competitive advantage, as it affects the purchase and repurchase of goods and services. Research indicates that maintaining current customers is a much more successful market strategy than recruiting new customers to replace lost customers (Mohammad Haghighi, 2012). Pratminingsih, Lipuringtyas, & Rimenta (2013) indicated an increasing focus on customer loyalty, especially if customers buying on its own does not result in long-term success. A study on customer loyalty and companies by Dhasan et al. (2017) demonstrated that creating and sustaining customer loyalty is essential to business success. Their study suggests that companies should concentrate their efforts on building customer relationships via better customer engagement platforms, promotional offers, and appropriate service quality styles to generate value for their target customers.

Dhasan et al. (2017) added that to retain the competitive edge and boost customer expectations of service quality and customer satisfaction, service providers need to provide high standards of service quality. For example, in mobile telecommunications networks, the quality of the network depends on the quality of the call, the coverage of the network, reliability, reduction of accidents such as failure of calls, and disruption of conversations during cellular calls (Ahmad *et al.*, 2018). In a study that investigated the services quality and customer loyalty in financial business by Munawar (2014) stated that service quality is the most significant determinant of customer loyalty. The provision of premium-quality services must be the primary objective of the financial institutions' business strategy. It has been found that customers are not loyal to one single financial institution in today's market-driven system (Munawar, 2014). What they need today is the standard of goods and services that efficiently fulfil their demands. The study of Hafeez, S.;Muhammad (2012) showed the results of the impact of service quality on customer loyalty. It showed thatservice quality can affect customer loyalty, and the companies can enhance the loyalty of customers by providing their loyal customers different kinds of rewards. As service quality is one of the sources for improving customer loyalty, it can be concluded that service quality has a significant and positive correlation to customer loyalty (Ngoand Nguyen, 2016). The findings also come in line with what was found by other researchers such as Tee, Preko, & Tee (2018) in the banking industries, also to what was found by Ratnasari & Gumanti (2019).

The positive impact of engaging the customer has been demonstrated in numerous studies on the relationship between loyalty of the customer, profit, and the business's competitive advantage (Gruca and Rego, 2005; Kumar, Batista, and Maull, 2011). The business owners and companies should give great attention to build their customer's relationships through customer loyalty to stand out in the higher competition market nowadays. It was also reported that customer engagement enhances customer loyalty by increasing engagement, while more customers experience cognitive complacency (Bowden, 2009; Brodie *et al.*, 2011; van Doorn *et al.*, 2010). Furthermore, a customer'sactual engagement can be seen as a behaviour that comes from rational and emotional senses that can enshrine customer loyalty to a service company (Bowden, 2009; Brodie et al., 2013). Customer's actions are the outcome of their level of engagement to the brand or firm (Pansari and Kumar, 2017). These activities take the form of sales, promoting customer referrals, discussions about the brand and input from the customer on social media, and ideas about how the business could enhance performance. According to the customer engagement framework, one result ofthis engagement is customer loyalty (Pansari and Kumar, 2017).

Student requirement agencies industry

The student recruitment agencies in Malaysia are presenting and producing more income for the country. The agencies are taking advantage of the government approach in increasing the student number in Malaysia to 250,000. The approaches also include to ease the process for these companies to share the same goals that the government set in the last ten years. The increasing number of students is making the industry of student recruitment agencies more competitive. As there are several options available for student recruitment agencies, the expectations are getting higher and more diversified. Datuk Seri Idris addressed that for these businesses to achieve sustainable development by cost reduction and revenue generation. To ensure that more students are studying in Malaysian institutions with lower expenditures expended on marketing programs, they must all follow creative marketing strategies. Because these anticipated customers are mostly living in foreign countries and can primarily engage with the business's quality, there is a need to apply the quality relationship and its dimensions to loyalty (Datuk Seri Idris Jusoh, 2017).

As a consequence, the method of establishing and sustaining a quality relationship has become more complicated. This scenario raises Yemeni student recruitment agencies' challenge in maintaining a successful relationship quality with the customers. Customer loyalty has been acknowledged as a core function and strategy of many business industries, and this had been proved through many researches and literature's evidence. In this study population, it will be the international students who were recruited by Yemeni educational agencies in Malaysia. These companies or agencies who are operated in Malaysia and they act as a bridge between students and universities. The international students who don't have any scholarships and apply through the agencies.

Yemeni student recruitment agencies should pay attention by creating and enhancing trust, commitments, communication, satisfaction, and service quality on the service provided. The developed and improved quality of service cannot be measured from the perspective of view of a corporation but the customer's perspective, perceived quality (Kotler and Keller, 2009). However, not many researchers focus on how these factors influence customer

loyalty in the education sector through the mediating factor of customer engagement. Thus, this study illustrates the gab in this constraint.

Purpose of the study

Making sure a high degree of customer loyalty is one of the most critical tasks of management (Lepojević and Đukić, 2018). Loyal customers are valuable assets of corporations and benefit producers. The challenges of maintaining customer loyalty in modern market environments become very difficult. Several empirical studies investigated the factors that contribute to such customer behaviour (Bowen and Chen, 2001; Dhasan et al., 2017; Leninkumar, 2017; Ofunya Afande and John, 2015). A study of the supermarket's industries founds that many factors are influencing customer loyalty either emerging from customer assessments or relational outcomes (Ofunya Afande & John, 2015). The customer assessment factors are service quality and customer satisfaction, while the relational outcomes factors are trust and commitment. Guo, Duff, & Hair (2008) found that the most successful way to attract customers under such conditions is to create loyalty through the continued assurance of satisfaction and high costs of moving to other brands. Chen added that the dimension of the relationship quality is a complicated approach and should be considered in a group as the trust and the commitment also link to the service quality and have a strong impact on the loyalty of the customers. In other work by Wang & Chaipoopirutana (2015) demonstrated the importance of getting customer satisfaction on the quality of the services because satisfied customer means long-term relationship between the customer and the companies. They also mentioned dimensions of the service quality and claimed that the "assurance" as a dimension of the service quality had the most impact on the loyalty of the customer. It can be concluded that ensuring service quality means more loyalty lead to more profit for the companies.

Malaysia currently has more than 153,328 students as last registered in June 2016; presenting from more than 100 countries (Datuk Seri Idris Jusoh, 2017). Education Malaysia Global Services (EMGS) chief executive officer Mohd Radzlan Jalaludin said, "By 2025, international students in the country are expected to cross 250,000" (Aziz, 2020). In the last few years, many studies examined customer satisfaction, service qualities, trust, communication, and their relationship with customer loyalty in different industries such as hospitality industries and banking industries. Nevertheless, few researchers have investigated those factors in the industriesof education and international students" recruitment agencies (Yang, Chen, and Shen, 2017). The international student market highlighted the importance of productive marketing strategies to encourage students to back again to the same agency and recommend it to their friends (Arambewela and Hall, 2009). In New Zealand, the government had encouraged the universities to market their program overseas through student recruitment agencies (Yang, Chen, and Shen, 2017). In the New Zealand context, the researches results showed that 44.29% of students are enrolled in universities by student recruitment agencies (Yang, Shaohua Akharuzzaman, 2017). Atthe same time, student recruitment agencies should give full attention to their student loyalty by providing real information and high service qualities. It is important to call that, up to date, there are no statistics in Malaysia about the student"s recruitment agencies.

Students, when they engaged with their international agents, the more satisfied they will be with agents" information. This satisfaction leads to a student's sense of belonging. When current or former students feel a sense of belonging, they will conduct loyalty to their international agents. The engagement that the student recruitment agencies implement with their student increase their chance to improve their relationship with the students for the long-term.

The majority of these studies have been investigated the factors that influence the customers' Loyalty and studied the direct relationship between them. Customer loyalty and its relationship with customer engagement were also evaluated in several studies in the literature. Since few reviews found in exploring the relationships between the factors that influence customer loyalty through customer engagement as a mediating effect. Hence, it is necessary to explore the factors that affect the customer loyalty of student recruitments agencies in Malaysia and test the relationship of these factors with loyalty of the students via mediating of customer engagement.

Research Questions

Based on the purpose of the study mentioned above, five research questions are proposed to provide an answer of the relationship:

- RQ1. What is the concept of customer loyalty of Yemeni student recruitment agencies in Malaysia?
- RO2. What are the factors that are influencing customer loyalty of Yemeni student recruitment agencies in Malaysia?
- RQ3. What is the most significant factor affecting customer loyalty of Yemeni student recruitment agencies in Malaysia?
- RQ4. What is the significance of the relationship between customer engagement and customer loyalty?
- RO5. What are the determinant factors of customer loyalty through customer engagement?

Literature Review

Underpinning Theories

The theories in this study will be explained based on the literature review. Two theories have been selected to be implemented in this study. Relation marketing theory is the first theory that chooses to be explained further to examine the relationship variables that arise from relationship marketing and affect customer loyalty. The second theory is the Servqual theory, which decides based on its long use in the research fields and its explanation of the quality of services and the influence on customer loyalty.

Relationship Marketing Theory

Berry first developed the concept of relationship marketing theory in 1983, he emphasized the value of establishing a long-term relationship with customers and in multi-service described relationship marketing as the method of attracting, sustaining and improving consumer relationships. Parasuraman, Berry, & Zeithaml (1991) state that relationship marketing is a technique that attracts, establishes, and maintains customer relationships. By creating and linking the relationship, marketing businesses will acquaint themselves and grow target customers. After a strong knowledge and understanding of the customer's preferences, relationship marketing can be used to improve the customers' repurchase behaviour. The income earned would be even more than attracting new customers. Real customer businesses expend less marketing costs than rivals.

The literature review shows that research into relationship marketing has been increasingly focusing on principles of relationship quality and loyalty since the 1990s. The relationship quality is now the subject of any relationship marketing related operation since the work of Wu, Yang, Shih, & Lee (2013). More recently than ever, businesses have been made to reliably search and identify actions that will enhance the quality of their customer relationship and ensure their loyalty. These businesses should ensure all aspects of relationship quality that are distinguishable from their rivals and retain customers.

Hennig-Thurau & Hansen (2000) mentioned three approaches to define relationship marketing which are the behavioral approach, the network approach, and the modern institutional economic approach. The behavioural approach covers several of the current models of relationship marketing, involving trust, commitment, satisfaction, and customer retention. On the other hand, the concentrations of network approach on the collaborative essence of business-to-business interactions and provides an inter-organizational viewpoint (Hennig-Thurau and Hansen, 2000). The network model is a comprehensive and long-term social interaction between companies (labelled actors) defined as 'networks' of relationships (Carvalho, 2010; Snehota, 1995). Finally, the modern institutional economic approach was described by Hennig-Thurau & Hansen (2000), as an attempt to utilize existing economic theories, such as transaction costs theory and theory of agency, to obtain an insight into improving and breaking up ties with the ultimate aim of reducing the structuring costs and retaining a given relation.

Several researchers accept that the relationships quality is a higher-order construction containing many distinct but connected dimensions. Also, researchers have suggested a different set of dimensions (trust, commitment, communication, and satisfaction) to assess the relationship quality. Specific dimensions (trust, commitment, and

satisfaction) have been suggested more often than others in the literature (Lang and Colgate, 2003). Morgan & Hunt (1994) stated that relationship quality is the most crucial element in relationship marketing practice that defines the purchase of customers. The relationship quality offered by businesses represents the desire of customers to maintain and influence the future actions of customers (Keaveney, 1995). In addition, good relationship quality helps customers to serve as business consultants and provide information sources to businesses for the provision of services and innovation (Jerry, 1991). Therefore, the consistency of relationships is a crucial research concern in the marketing process. The relationship quality between partners (businesses and customers) demonstrates the long-term longevity of relationships. A positive link between relationship quality and customer loyalty has been verified by several scholars (Lian and Yoong, 2017).

Roberts, Varki, & Brodie (2003) proposed the analysis to explores a collection of different dimensions of relationship quality. They suggest that they be divided into three groups. Dimensions relate to behavioural intentions factors (opportunism, selling orientation, ethical profile, affective conflict, and communication). Dimensions relate to relational indicators (trust, commitment, and satisfaction). Dimensions make up indicators of the results sought in an exchange relation (customization benefit, equity of the association, mutual objectives, proximity, and economic benefits). Based on the above identification and illustration of each dimension of the relationship, the current study adopts the relationship quality based on behavioural and relational dimensions.

SERVQUAL Theory

The dimensions of the SERVQUAL model are one of the most useful measurements of service quality. For the first time in the development of this model, Parasuraman et al. (1985), defined 97 attributes, which were reduced into ten dimensions. The dimensions were found to affect service quality and were considered to be significant parameters for accessing customer preferences and perceptions of service delivery (Mukesh *et al.*, 2009). The SERVQUAL scale, also known as the gap model by Parasuraman et al. (1988), has been shown to be one of the easiest methods to assess the efficiency of the services offered to customers. This service assessment approach is consistent and accurate by some authors (Brown et al., 1993). They argued that whether service is experienced or witnessed, it is less than expected service; it implies less than satisfactory service quality, and when service perceived is greater thanexpected service, the logical conclusion is that service quality is greater than satisfactory (Jain et al., 2004). The definition of SERVQUAL is ideally suited for the assessment of service quality from a customer viewpoint, as this principle is introduced. That's because it is claimed that service is "perceived" and "expected." It goes very simply tothe person who goes to or uses the service. The person can be a consumer or customer. The original study by (Parasuraman *et al.*, 1988), identified ten dimensions of service quality.

- **Tangibles**: the appearance of physical objects and personnel relevant to the service (accommodation, equipment, personnel uniforms, etc.).
- Reliability: the capacity to provide the services promised.
 Responsiveness: workers' ability to support pleasantly and efficiently. Competence: the ability of team members to conduct the operation.
- Courtesy: the respect, thoughtfulness, and good manners displayed by the team members who are in touch withcustomers.
- **Credibility**: the service provider's trust and integrity.
- Security: unavailability of uncertainty, economic danger, and physical threat.
- Access: accessibility of the supplier of services.
- Communication: intelligible nature and usage of the service provider's language.
- Understanding the customer: efforts taken by the service company to know and appreciate the customer.
- There were 22 pairs of Likert-type items in the first SERVQUAL model, where one part measured the perceived level of service rendered by a specific organization and the other part measured the predicted level of service quality of the respondents (Kuo, 2003). Further analysis led to the discovery that some of these 10 dimensions were associated. After refining, the above ten dimensions were later reduced to the following five dimensions:

Table 1: Dimensions of Service Quality

Tangibility	The devices shall be made accessible to staff and the physical presence of equipment, services, and buildings.
Reliability	Consistently and precisely dedicated to delivering customer services and the capacity to provide services reliably.
Responsiveness	Effective delivery, customer support, willingness to help and satisfy customer needs.
Assurance	Awareness of empathy of workers for service and product, caring attitudes, and Personalized customer service.
Empathy	Pay attention to the customer, take control of the customer, and offer individual resources to the customer.

Source: Van Iwaarden et al. (2003)

The proposed research model

The proposed conceptual framework explains the variables that will be used in this study. These variables identified as satisfaction, trust, commitment, communication, service quality, customer engagement, and customer loyalty. The independent variable combined and integrated from two theories which are relationship marketing theory and servqual theory. The mediating variable is customer engagement which will play as a mediator in this study to enhance the customer loyalty. The dependent variable is customer loyalty. All of these variables proved the definition and the relationship of each variable based on several previous studies. So this conceptual framework discusses the contribution of customer engagement on the relationship between satisfaction, trust, commitment, communication, service quality, and customer engagement.

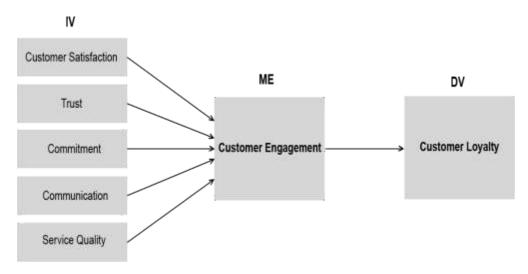


Figure 1: Research Model

Definition of the variables

IVs: Customer Satisfaction based on Jiang & Zhang (2016), is a key success factor of competitive advantage and a significant intangible asset for any company. The satisfaction of customers includes characteristics or features that can satisfy customers' requirements or needs (Majid, Bagram, and Khan, 2012). Customer Trust by Akbari, Kazemi, & Haddadi (2016) mentioned that trust is the primary pillar of relationship marketing. Based on the perceptions of Morgan & Hunt (1994), conclude that performance in relationship marketing involves a relationship of trust and commitment. Commitment is the feeling and emotional commitment of the customer to the supplier and their feeling of staying with the company are linked because the alternatives are less attractive (N. O. Ndubisi, 2007; Chen, 2016; Sugandini, Wendry, and Muafi, 2017). Akbari et al. (2016) stated that commitment is the second factor in relationship marketing. The commitment is described as the meaningful willingness of both of the partners to preserve a valued relationship (Abdullah and Rashid, 2013). Communication is defined by Akbari et al. (2016) as an interaction mechanism and a fair and timely exchange of information, whether formally or informally, between the parties to the relationship (Abdullah and Rashid, 2013). It also applies to the capacity that can provide timely and accurate details. Both content and manner of communication are critical for establishing a quality relationship with customers. Service Quality has been defined as customer's expectations of services and the full understanding of howthe services were provided (A. Parasuraman, Zeithaml, and Berry, 1985; Rahmani-Nejad, Firoozbakht and Taghipoor, 2014). Zeithamal et al. (2009) described service quality as customers assessment of the overall characteristics and level of the product or service. Raimo, Humfrey, & Huang (2014) concluded that the quality of service is the perception of customers towards the excellence of the product or service.

ME: Customer Engagement is the emotional linking or association that a customer creates during repeated and persistent experiences (Gupta, 2012).

DV: Customer Loyalty as described by J. Bowen & McCain (2015), mixed behavioural dimensions and attitudinal dimensions, which are considered to be composite measurements, are used to assess customer loyalty. Measurement finds the repeated behaviour to be consistent as a form of loyalty. The dimensions that are attitudinal use knowledge to represent the emotional and psychological attachment inherent in loyalty and to the sense of loyalty and allegiance based on (Shrestha, 2014). Loyal customers can also be seen as a source of revenue maximization among organizations, which, in turn, could lead to predictable sales and returns.

Methodology

Population and sample of the study

Study"s target population is individual students who are registered through recruitment agencies in Malaysia whose age between 18 to 40 years old and between 2015 and 2019. These students should have a deal or communication with any of the Yemeni student"s recruitments agencies to help them enroll in Malaysian universities. These studentshave been chosen because they experience the services and facilities provided by the educational agencies. Their experience forms a set of perceptions they have towards the Yemeni student"s recruitments agencies and ultimately influences their loyalty to the Yemeni student"s recruitments agencies.

Study design and sampling technique

In this study, the researcher will use the mono method, where quantitative data and data analysis procedures are used to answer research questions. The study will use quantitative approaches due to the nature of the study. The quantitative type is for simple measures, such as percentages of responses to identify problems and how they have been addressed within the company. This study also will use quantitative analysis since it is the type of methodology that aims to measure the data type and conclude it by scientifically examining the data. The primary purpose of developing the quantitative research design is to test whether established hypotheses are essential Saunders et al. (2009). Timans, Wouters, & Heilbron (2019), to achieve the study objectives, quantitative data from the population samples should be obtained for this reason to capture the views and attitudes of the research participants. The sampling technique will use a probability sampling technique. This sampling technique will use randomization to ensure that every element of the population has an equal chance of being part of the selected sample (Taherdoost, 2018). There are five types of probability sampling techniques. Each of them has a different explanation. So in this applied study, the appropriate or

proper type technique is simple random sampling and will be used throughout the data collection process.

Data collection method

The questionnaire will be used to collect information from respondents about attitudes, knowledge, beliefs regarding contraceptives, and feelings (Polit and Hungler, 1999). As the survey instrument for this study, the self-administered survey will be adopted. It is a questionnaire that respondents can complete without further assistance or the existence of an interview (Liew and Falahat, 2019).

Analysis strategy

This study will be tested and evaluated using SPSS version 23 and SmartPLS3. The two steps will be performed using SmartPLS 3 which are measurement model to test the reliability and validity of the items and structural model to test the relationship of the variables.

Findings, limitation and recommendation

The objective of this study is to explore the relationship between factors) Customer satisfaction, trust, commitment, communication, and service quality) and customer loyalty through the mediating effect of customer engagement. This study provides conceptual framework to discuss the theories that describe the variables. The business environment becomes very competitive nowadays. Different options are available in the market, which makes the customer always look for alternatives. Having loyal customers become highly recommended for companies to include in their marketing strategies. The study identified a positive relationship between customer engagement and customer loyalty that was statistically important. The degree of customer engagement explained the difference in customer loyalty. A positive rise in the degree of customer engagement contributes to a positive shift in customer loyalty (Cotet, Balgiu, and Zaleschi, 2017). This study will focus on the concept of customer loyalty and how it's important in the educational sector as it is the main key for any business to achieve profitability. Furthermore, this study seeks to discuss more on how customer satisfaction, trust, commitment, communication, service quality, and customer engagement contribute together to enhance customer loyalty. So this study hoped that findings and results will contribute and explain the chosen of variables based on two theories and integrated together. Also, this study will focus on the relationship between variables and hoped to be supported and achieved. The previous studies indicate that clients are highly engaged, they will most likely continue to deal with a specific life insurer and provide positive word of mouth to affect others they know.

Petzer & van Tonder (2019) found that partial mediation was detected in satisfaction and customer loyalty. This finding associated with the (Bowden, 2009; Brodie et al., 2011; van Doorn et al., 2010) confirms that customer engagement in the relationship between customer satisfaction and customer loyalty plays a mediating role. A studyby Agyei et al. (2020) indicated that mediating test results proved that customer engagement mediates the relation between customer trust dimensions and customer loyalty. In the study of Dhasan et al. (2017), it was concluded thata major co-creator of customer loyalty is customer commitment and customer engagement. The researcher observed that the existence of the mediating effect of customer engagement between commitment and customer loyalty (Petzerand van Tonder, 2019). Besides that Agyei et al. (2020a) confirm also the significant relationship of customer engagement and customer loyalty in the study of the Insurance Industry in Ghana. Besides, (Agyei et al., 2020) concluded in their study the significant relationship between communication and customer engagement. (Monferrer, Moliner, and Estrada, 2019) concluded in their report the driver of customer loyalty, customer engagement influences customer loyalty and serves as a mediator in the retail banking sector. In addition, (Puriwat and Tripopsakul, 2014), concluded in their study the significant relationship between service quality and customer engagement.

In conclusion, there are several studies on customer loyalty in different industries across the globe. The majority of these studies have been investigated the factors that influence the customers' Loyalty and studied the direct relationship between them. Customer loyalty and its relationship with customer engagement were also evaluated in the number of studies in the literature. Since few reviews found in exploring the relationships between the factors that influence customer loyalty through customer engagement as a mediating effect. Hence, it is necessary to explore the factors that affect the customer loyalty of student recruitments agencies in Malaysia and test the relationship of these factors with loyalty of the students via mediating of customer engagement. There is a lack of studies on customer engagement on

the education sector especially in the student recruitment agencies in Malaysia. Therefore, this study and the proposed conceptual framework that has been mentioned may strengthen the study gab. Also, this study will use a quantitative questionnaire approach for data collection and analysis to evaluate students" opinion, experience and perspectives of the Yemeni agency.

References

- Abdullah, I. and Rashid, Y. (2013), "Effect of personality on organizational commitment and employees" performance: Empirical evidence from banking sector of Pakistan", *World Applied Sciences Journal*, Vol. 27 No. 1, pp. 140–147
- Agyei, J., Sun, S., Abrokwah, E., Penney, E.K. and Ofori-Boafo, R. (2020), "Influence of Trust on Customer Engagement: Empirical Evidence From the Insurance Industry in Ghana", *SAGE Open*, Vol. 10 No. 1, p. 215824401989910.
- Ahmad, R.R., Shehnaz, T. and Hussain, P.S. (2018), "Promoting customer brand engagement and brand loyalty through customer brand identification and value congruity", *Spanish Journal of Marketing ESIC*, Emerald Publishing Limited, Vol. 22 No. 3, pp. 319–337.
- Akbari, M., Kazemi, R. and Haddadi, M. (2016), "Relationship marketing and word-of-mouth communications: Examining the mediating role of customer loyalty", *Marketing and Branding Research*, Vol. 3 No. 1, pp. 63–74.
- Arambewela, R. and Hall, J. (2009), "An empirical model of international student satisfaction", *Asia Pacific Journal of Marketing and Logistics*, Vol. 21, pp. 555–569.
- Aziz, H. (2020), "Raising foreign student enrolment post-Covid-19", *New Straits Times*, available at: https://www.nst.com.my/education/2020/07/606823/raising-foreign-student-enrolment-post-covid-19?fbclid=IwAR0G48IdxnG8UdOs05 nZms-hgtLwrex47qFjUya9Ck0pyiozOGhbQ-3ocs.
- Belas, J. and Gabčová, L. (2016), "The relationship among customer satisfaction, loyalty and financial performance of commercial banks", *E+M Ekonomie a Management*, Vol. 19, pp. 132–147.
- Bowden, J.L.-H. (2009), "The Process of Customer Engagement: A Conceptual Framework", *Journal of Marketing Theory and Practice*, Vol. 17 No. 1, pp. 63–74.
- Bowen, J. and McCain, S.-L. (2015), "Transitioning loyalty programs: A commentary on "the relationship between customer loyalty and customer satisfaction", *International Journal of Contemporary Hospitality Management*, Vol. 27, pp. 415–430.
- Bowen, J.T. and Chen, S.L. (2001), "The relationship between customer loyalty and customer satisfaction", *International Journal of Contemporary Hospitality Management*, Vol. 13 No. 5, pp. 213–217.
- Brodie, R.J., Hollebeek, L.D., Jurić, B. and Ilić, A. (2011), "Customer Engagement", *Journal of Service Research*, SAGE Publications Inc, Vol. 14 No. 3, pp. 252–271.
- Brodie, R.J., Ilic, A., Juric, B. and Hollebeek, L. (2013), "Consumer engagement in a virtual brand community: An exploratory analysis", *Journal of Business Research*, Vol. 66 No. 1, pp. 105–114.
- Carvalho, C. De. (2010), "the Role of Network Relationships in Innovation and Internationalization of", pp. 3–5. Chen, J.-L. (2016), "The Relationship among Service Quality, Relationship Quality, and Customer Loyalty for Chain Restaurant Industry", *International Journal of Marketing Studies*, Vol. 8 No. 3, p. 33.
- Cotet, G.B., Balgiu, B.A. and Zaleschi (Negrea), V.– C. (2017), "Assessment procedure for the soft skills requested by Industry 4.0", edited by Bondrea, I., Simion, C. and Inţă, M.MATEC Web of Conferences, Vol. 121 No. 2, p. 07005.
- Datuk Seri Idris Jusoh. (2017), *Turning the World towards Malaysian Education*, available at: https://www.nst.com.my/opinion/columnists/2017/05/237032/turning-world-towards-malaysian-education.
- Gruca, T.S. and Rego, L.L. (2005), "Customer Satisfaction, Cash Flow, and Shareholder Value", *Journal of Marketing*, SAGE Publications Inc, Vol. 69 No. 3, pp. 115–130.
- Guo, X., Duff, A. and Hair, M. (2008), "Service quality measurement in the Chinese corporate banking market", *International Journal of Bank Marketing*, Vol. 26, pp. 305–327.
- Gupta, P. (2012), "Enhancing organizational effectiveness through customer engagement", *International Journal of Computer Science and Management Studies*, Vol. 12 No. 01, pp. 108–114.
- Hafeez, S.; Muhammad, B. (2012), "The Impact of Service Quality, Customer Satisfaction and Loyalty Programs on Customer's Loyalty", pp. 817–826.

- Hapsari, R., Hussein, A.S. and Handrito, R.P. (2020), "Being Fair to Customers: A Strategy in Enhancing Customer Engagement and Loyalty in the Indonesia Mobile Telecommunication Industry", *Services Marketing Quarterly*, Routledge, Vol. 41 No. 1, pp. 49–67.
- Hennig-Thurau, T. and Hansen, U. (2000), *Relationship Marketing: Gaining Competitive Advantage Through Customer Satisfaction and Customer Retention*, available at:https://doi.org/10.1007/978-3-662-09745-8.
- Jiang, H. and Zhang, Y. (2016), "An investigation of service quality, customer satisfaction and loyalty in China"s airline market", *Journal of Air Transport Management*, Elsevier Ltd, Vol. 57, pp. 80–88.
- Keaveney, S.M. (1995), "Customer switching behavior in service industries: An exploratory study.", *Journal of Marketing*, American Marketing Association, US, Vol. 59 No. 2, pp. 71–82.
- Kumar, V., Batista, L. and Maull, R. (2011), "The Impact of Operations Performance on Customer Loyalty", *Service Science*, No. 2011, available at:https://doi.org/10.1002/9780470877876.
- Kuo, Y.-F. (2003), "A study on service quality of virtual community websites", *Total Quality Management & Business Excellence*, Routledge, Vol. 14 No. 4, pp. 461–473.
- Lang, B. and Colgate, M. (2003), "Relationship quality, on-line banking and the information technology gap", *International Journal of Bank Marketing*, MCB UP Ltd, Vol. 21 No. 1, pp. 29–37.
- Leninkumar, V. (2017), "The Relationship between Customer Satisfaction and Customer Trust on Customer Loyalty", *International Journal of Academic Research in Business and Social Sciences*, Vol. 7 No. 4, pp. 450–465.
- Lepojević, V. and Đukić, S. (2018), "Factors Affecting Customer Loyalty in the Business Market an Empirical Study in the Republic of Serbia", *Facta Universitatis, Series: Economics and Organization*, No. November 2018, p. 245
- Lian, S.B. and Yoong, L.C. (2017), "The Effectiveness of Strategic Relationship Marketing: Exploring Relationship Quality towards Customer Loyalty", *International Business Research*, Vol. 10 No. 12, p. 159.
- Liew, Y.S. and Falahat, M. (2019), "Factors influencing consumers" purchase intention towards online group buying in Malaysia", *International Journal of Electronic Marketing and Retailing*, Vol. 10 No. 1, pp. 60–77.
- Majid, M., Bagram, M. and Khan, S. (2012), "Attaining Customer Loyalty: the Role of Consumer Attitude and Consumer Behavior", *International Review of Management and Business Research*, Vol. 1 No. 2012, pp. 1–8.
- Mohammad Haghighi. (2012), "Evaluation of factors affecting customer loyalty in the restaurant industry", *AFRICAN JOURNAL OF BUSINESS MANAGEMENT*, Vol. 6 No. 14, pp. 5039–5046.
- Monferrer, D., Moliner, M.A. and Estrada, M. (2019), "Increasing customer loyalty through customer engagement in the retail banking industry", *Spanish Journal of Marketing ESIC*, Vol. 23 No. 3, pp. 461–484.
- Morgan, R.M. and Hunt, S.D. (1994), "The Commitment-Trust Theory of Relationship Marketing", *Journal of Marketing*, American Marketing Association, Vol. 58 No. 3, p. 20.
- Mukesh, K., Fong, T.K. and Amat, T.M. (2009), "Determining the relative importance of critical factors in delivering service quality of banks: An application of dominance analysis in SERVQUAL model", *Managing Service Quality: An International Journal*, Emerald Group Publishing Limited, Vol. 19 No. 2, pp. 211–228.
- Munari, L., Ielasi, F. and Bajetta, L. (2013), "Customer satisfaction management in Italian banks", *Qualitative Research in Financial Markets*, Vol. 5, available at:https://doi.org/10.1108/QRFM-11-2011-0028.
- Munawar, M. (2014), "www.econstor.eu", *Pakistan Journal of Commerce and Social Sciences (PJCSS)*, Vol. 8 No. 2, pp. 331–354.
- Narteh, B., Agbemabiese, G., Kodua, P. and Braimah, M. (2013), "Relationship Marketing and Customer Loyalty: Evidence From the Ghanaian Luxury Hotel Industry", *Journal of Hospitality Marketing & Management*, Vol. 22, pp. 407–436.
- Ndubisi, N.O. (2007), "Relationship marketing and customer loyalty", *Marketing Intelligence and Planning*, Vol. 25 No. 1, pp. 98–106.
- Ngo, M.V. and Nguyen, H.H. (2016), "The Relationship between Service Quality, Customer Satisfaction and Customer Loyalty: An Investigation in Vietnamese Retail Banking Sector", *Journal of Competitiveness*, Vol. 8 No. 2, pp. 103–116.
- Ofunya Afande, F. and John, arua. (2015), "Factors Affecting Customer Loyalty of Supermarkets in Nyeri Town, Kenya", *Journal of Marketing and Consumer Research Journal*, Vol. 11 No. 1996, pp. 1–14.
- Pansari, A. and Kumar, V. (2017), "Customer engagement: the construct, antecedents, and consequences", *Journal of the Academy of Marketing Science*, Journal of the Academy of Marketing Science, Vol. 45 No. 3, pp. 294–311.
- Parasuraman, A., Zeithaml, V.A. and Berry, L.L. (1985), "A Conceptual Model of Service Quality and Its Implications for Future Research", *Journal of Marketing*, American Marketing Association, Vol. 49 No. 4, p. 41.
- Parasuraman, A.P., Zeithaml, V. and Berry, L. (1988), "SERVQUAL: A multiple- Item Scale for measuringconsumer perceptions of service quality", *Journal of Retailing*.

- Parasuraman, P., Berry, L.L. and Zeithaml, V.A. (1991), "Refinement and reassessment of the SERVQUAL scale.", *Journal of Retailing*, Elsevier Science, Netherlands, Vol. 67 No. 4, pp. 420–450.
- Petzer, D.J. and van Tonder, E. (2019), "Loyalty intentions and selected relationship quality constructs", International Journal of Quality & Reliability Management, Vol. 36 No. 4, pp. 601–619.
- Polit and Hungler. (1999), "Research Designs (quick guide)", pp. 36-46.
- Pratminingsih, S., Lipuringtyas, C. and Rimenta, T. (2013), "Factors Influencing Customer Loyalty Toward Online Shopping", *International Journal of Trade, Economics and Finance*, pp. 104–110.
- Puriwat, W. and Tripopsakul, S. (2014), "The Investigation of the Influence of Service Quality toward Customer Engagement in Service Dominant Industries in Thailand", 3rd International Conference on Business, Management and Governance, Vol. 82, pp. 42–49.
- Rahmani-Nejad, L., Firoozbakht, Z. and Taghipoor, A. (2014), "Service Quality, Relationship Quality and Customer Loyalty (Case Study: Banking Industry in Iran)", *Open Journal of Social Sciences*, Vol. 02 No. 04, pp. 262–268.
- Raimo, V., Humfrey, C. and Huang, I.Y. (2014), "Managing International Student Recruitment Agents: Approaches, Benefits and Challenges", *British Council*, pp. 1–31.
- Rather, R.A. and Parray, S.H. (2018), "Customer Engagement in Increasing Affective Commitment Within Hospitality Sector.", *Journal of Hospitality Application & Research*, Vol. 13 No. 1, pp. 73–91.
- Ratnasari, D. and Gumanti, T.A. (2019), "Relationship marketing, service quality, satisfaction and customers loyalty of bank sharia mandiri banyuwangi", *International Journal of Scientific and Technology Research*, Vol. 8 No. 6, pp. 7–10.
- S., C.P. and Jörg, H. (2012), "Creating customer loyalty through service customization", *European Journal of Marketing*, Emerald Group Publishing Limited, Vol. 46 No. 3/4, pp. 331–356.
- Saunders, M., Lewis, P. and Thornhill, A. (2009), *Research Methods for Business Students*, available at: https://www.tandfonline.com/doi/full/10.1080/09523367.2012.743996.
- Shrestha, B.R. (2014), "Airline Brand Loyalty: A case study involving the three airlines, SAS, Norwegian and Widerøe", No. 3, pp. 1–136.
- Snehota, I. (1995), "Developing Relationships in Business Network".
- Sugandini, D., Wendry, B. and Muafi. (2017), "Influence of quality relationship and satisfaction on loyalty: Study on supplier in Indonesia", *Journal of Business and Retail Management Research*, Vol. 11 No. 4, pp. 46–51.
- Taherdoost, H. (2018), "Sampling Methods in Research Methodology; How to Choose a Sampling Technique for Research", *SSRN Electronic Journal*, No. September, available at:https://doi.org/10.2139/ssrn.3205035.
- Tee, D.K., Preko, A. and Tee, E. (2018), "Understanding The Relationships between Service Quality, Customer Satisfaction and Loyalty: An Investigation of Ghana"s Retail Banking Sector", *British Journal of Marketing Studies*, Vol. 6 No. 2, p. 19.
- Timans, R., Wouters, P. and Heilbron, J. (2019), "Mixed methods research: what it is and what it could be", *Theory and Society*, Vol. 48 No. 2, available at:https://doi.org/10.1007/s11186-019-09345-5.
- Wang, T. and Chaipoopirutana, S. (2015), "A Study of the Factors Influencing Customer Loyalty: A Case Study of Thai Airways", *PSAKU International Journal of Interdisciplinary Research*, Vol. 4 No. 2, pp. 67–76.
- Wu, N.H., Yang, B.T., Shih, C.H. and Lee, P.C. (2013), "Relationship quality and customer loyalty in taiwan-a longitudinal aspect", *Proceedings 7th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing, IMIS 2013*, pp. 773–775.
- Yang, Shaohua Akharuzzaman, M. (2017), "2017_Effectiveness of Marketing Technique in Recruiting International Students Evidence from a Tertiary NZ.pdf".
- Yang, S., Chen, X. and Shen, X. (2017), "An Exploratory Study of Customer Satisfaction with International Student Recruitment Agencies: A Case Study in New Zealand", *International Journal of Business and Management*, Vol. 12 No. 11, p. 130.