The Effectiveness of Strategic Relationship Marketing: Exploring Relationship Quality towards Customer Loyalty

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Abstract

This study examines customer satisfaction, trust, control mutuality and communication as determinants of relationship quality and customer loyalty in relationship marketing. The study focuses on Malaysian telecommunication industry in the business-to-customer context. The structural equation modelling technique is used to empirically test the proposed hypotheses based on the sample size of 405 customers collected by a questionnaire survey. Trust had the greatest positive influence on relationship quality, followed by satisfaction. Subsequently, there was no significant effect of control mutuality and communication on relationship quality. Customer loyalty was significantly affected by relationship quality. The contribution of this paper is twofold. From a theoretical perspective, the social exchange theory is validated and it offers both a conceptual foundation and empirical-based evaluation of customer loyalty through the context of relationship quality. In the practical perspective, the findings proposed useful information to the telecommunication service providers in developing more effective relationship marketing strategies to build better relationship quality and customer loyalty.

Keywords: relationship marketing, relationship quality, customer loyalty, control mutuality

1. Introduction

Relationship marketing, defined as "to identify and establish, maintain and enhance relationship with customers and other stakeholders, at a profit so that the objectives of the partners interest are met; this is achieved by a mutual exchange and fulfillment of promise" (Grönroos, 1994). Relationship marketing has emerged in response to the challenging and competitive contemporary business environment. Relationship marketing is widely practice across many business-to-consumer contexts. Companies that strongly adopted and implemented effective relationship marketing have achieved remarkable organisational benefits in the aspects of greater profitability (San Martin, Jimenez & Lopez-Catalan, 2016), customer loyalty (Evans and Laskin, 2008; Marzo - Navarro, Pedraja - Iglesias and Rivera - Torres, 2004), achieving and sustaining competitive advantage (Catalina, 2013). Relationship quality is the key variable to achieve customer loyalty and successful relationship marketing (Prince, Palihawanada, Davies, Winsor, 2016; Jin, Line and Goh, 2013). Relationship quality is a consumer's evaluation of the strength of his or her relationship with the service provider (Crosby, Evans and Cowles, 1990).

The telecommunication industry in Malaysia has achieved remarkable growth and plays an important role in the domestic economy development. According to the Malaysia Communications and Multimedia Commission (MCMC, 2016), there were a total of 43.9 million cellular telephone subscribers or consumers in Malaysia at the end third quarter of 2016. The strong consumer base in the telecommunication industry has resulted in the importance of building effective relationship marketing by the service providers towards their consumers. However, competition between the key telecommunication service providers such as Telekom Malaysia Bhd, Maxis, DiGi, Celcom, and U Mobile has been intensively strong. In the first quarter of 2017, Maxis, DiGi and Celcom continued to see declining number of subscribers, which resulted in their revenue contraction, while ongoing price wars as the players attempted to defend their market share suppressed margins (The Star, 2017). The presence of other competitors in the market have significantly affected the existing long time service providers' market share. The intense price wars between the service providers have caused consumers to opt for better value packages at a lower price and customer loyalty is highly questionable in this case. Hence, the degree of customer loyalty towards the companies are influenced by the relationship quality perceived by the consumers in the aspect of satisfaction, trust, control mutuality and communication (Bojei and Alwie, 2016; Jin et al., 2013; Huang, 2001).

The primary objectives of this exploratory study are; 1) to investigate the effect of customer satisfaction, trust, control mutuality and communication on relationship quality and 2) to analyse the influence of relationship quality towards customer loyalty. The findings of this research will contribute to managerial and theoretical implications. In the aspect of managerial implications, the research findings will provide valuable information to the telecommunication service providers in developing more effective relationship marketing strategies to build better relationship quality and customer loyalty. In the theoretical perspective, the study has validated the social exchange theory concept. It has shown both a conceptual foundation and empirical-based evaluation of customer loyalty through the context of relationship quality.

2. Literature Review and Hypotheses Development

2.1 Social Exchange Theory

The Social Exchange Theory is developed to understand the social behavior of humans in economic situations (Homans, 1958). The exchange theory investigates the processes of establishing and sustaining reciprocity in social relations, or the mutual gratifications between individuals (Lee, Mohamad and Ramayah, 2010). Individuals evaluate their reward to cost ratio when deciding whether or not to maintain a relationship. The application of Social Exchange Theory in this study to investigate consumers' evaluation on their benefits to costs represented by relationship quality, and their decision to stay loyal with the service providers.

2.2 Relationship Quality

Relationship quality is a consumer's evaluation of the strength of his or her relationship with the service provider (Crosby, Evans and Cowles, 1990). Myhal, Kang and Murphy (2008) highlighted the six dimensions of trust, commitment, satisfaction, minimal opportunism, conflict, and communication in relationship quality. Caceres and Paparoidamis (2007) indicated that relationship quality consists of three dimensions of trust, commitment, and satisfaction. Hon and Grunig (1999a) proposed the six dimensions of trust, control mutuality, satisfaction, commitment, exchange relationships, and communal relationships.

This research focuses on satisfaction, trust, control mutuality and communication as the key dimensions of relationship quality. Hence, this study aim to bridge the research gaps as the four dimensions of satisfaction, trust, control mutuality and communication were not adequately covered by the past literature in the context of relationship quality, and its relationship with customer loyalty in the telecommunication industry.

2.3 Satisfaction

Relationship marketing is a long-term approach by focusing on providing superior customer lifetime value and the main success criterion is to develop long-term customer satisfaction (Kotler, Armstrong, Saunders and Wong, 1999). Satisfaction is customer's evaluation of their relationship experience with the service provider. Customer satisfaction was found to be a significant predictor of relationship quality in the Ethiopian mobile telecommunication industry (Negi and Ketema, 2013). Li, Green, Farazmand and Grodzki (2012) reported that relationship quality represented by customer satisfaction has influenced customer loyalty in the context of retail stores' shoppers.

 H_1 There is a positive relationship between satisfaction and relationship quality.

2.4 Trust

Trust is the confidence level in the honesty and integrity of the other party (Crosby et al., 1990). Trust also signifies the belief of customer towards their service providers and the service that meets customer needs. According to Cerri (2012), high levels of mutual trust facilitate the effective exchange between the business partners and enhance relationship quality. Trust was found to be important for client-professional relationship quality in the financial planning environment (Hunt, Brimble and Freudenberg, 2011). Chu (2009) asserts that customers' trust is significant in building long-term relationship and achieving customer loyalty. Individual's level of trust is different significantly based on their personal decision-making habits and characteristics.

 H_2 There is a positive relationship between trust and relationship quality.

2.5 Control Mutuality

Control mutuality is the degree to which parties in a relationship are satisfied with the amount of control they have in a relationship (Grunig, 2002). Huang (2001) reported that control mutuality had the greatest influence on successful organisational relationships in South Korea. Botha and Waldt (2010) highlighted that relationship outcomes of control mutuality is important indicators of successful relationships. Hence, their findings were consistent with the earlier findings by Hon and Grunig (1999b) that control mutuality is crucial in the strategies for maintaining organization—public relationships. Steyn (2007) states that stakeholders' involvement in

decision-making resulted in the stabilization of the organisational relationships.

 H_3 There is a positive relationship between control mutuality and relationship quality.

2.6 Communication

Communication is one of the important factors in enhancing relationship development and maintenance (Finne and Grönroos, 2009). According to Coviello, Brodie, Danaher and Johnston (2002), communication is determined by the customers' assessment in the aspect of clarity, pleasantness, responsiveness, and language of the service provider. Communication have positive influence towards relationship quality in banking sector (Ruswanti and Lectari, 2016). In a study conducted on the service sector in Malaysia, Bojei and Alwie (2010) reported that communication is the weakest dimension of relationship quality to achieved customer loyalty. Doaei, Razeai and Khajei (2011) reported that interpersonal communication had influenced customer loyalty without relationship quality as mediating role.

 H_4 There is a positive relationship between communication and relationship quality.

2.7 Customer Loyalty

Customer loyalty is defined as "a deeply held commitment to re-buy or re-patronize a preferred product or service consistently in the future, thereby causing repetitive same-brand or same brandset purchasing, despite situational influences and marketing efforts have the potential to cause switching behaviour" (Oliver, 1999). Hennig-Thurau, Gwinner, and Gremler (2002) assert that customer loyalty is the "primary goal" of relationship marketing. Bojei and Alwie (2010) reported that relationship quality positively influenced the customer loyalty was mainly due strong commitment given by the service provider to the customers. Ruswanti and Lectari (2016) also indicated significant positive relationship between relationship quality and customer loyalty. The service providers have delivered good services which met customer's expectation and goal, and satisfying, subsequently leads to good relational quality and customer loyalty. In contrast, Chen and Myagmarsuren (2011) found that direct relationship does not exist between relationship quality and customer loyalty in telecommunication services. However, it was concluded that relationship quality affect customer loyalty was mediated by relationship value.

 H_5 : There is a positive relationship between relationship quality and customer loyalty.

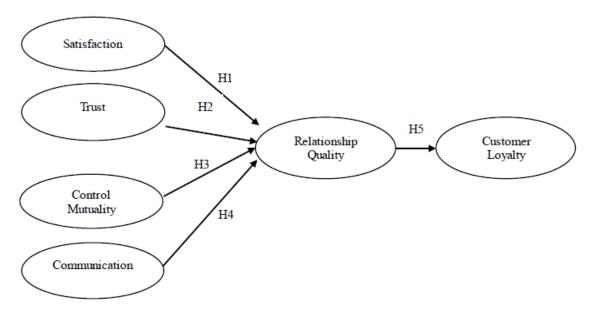


Figure 1. Conceptual framework

3. Research Methodology

3.1 Sampling and Measurement

This paper is based on data collected from a survey on the existing customers of local telecommunication service providers, namely Maxis, Digi and Celcom, in Kuala Lumpur and Selangor, Malaysia. A sample size of 405 was determined and non-probability convenience sampling method was adopted for this study. Self-administered questionnaires were distributed to the respondents who present at the selected Maxis, Digi and Celcom outlets in

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Kuala Lumpur and Selangor. The survey instrument was designed with 28 items assessed by a six-point Likert scale (1: strongly disagree and 6: strongly agree). The Statistical Package for Social Sciences (SPSS) version 22 was used to perform descriptive analysis, validity and reliability analysis. Followed by, SPSS AMOS version 21 was used to perform the Structural Equation Modeling (SEM) analysis to test the hypotheses.

3.2 Validity and Reliability Assessment

The pilot study results indicated the factor loading for all the 28 proposed items is above 0.3 and thereby will be retained (Hair, Black, Babin and Anderson, 2010). The Cronbach's Alpha values for all constructs were above 0.7 which have shown a high level of internal consistency in the data (Pallant, 2007). The Cronbach's Alpha values were 0.951 (Satisfaction), 0.843 (Trust), 0.911 (Control Mutuality), 0.887 (Communications), 0.902 (Relationship Quality) and 0.877 (Customer Loyalty). Table 1 shows the results of Confirmatory Factor Analysis (CFA) for each item in the construct and the reliability test results. The pilot study results showed that all the constructs were valid and reliable for further inferential analyses.

Table 1. CFA results for the measurement model

Item	Statement	Factor	Cronbach's
			Alpha
S1	I am satisfied with the price offered by my service provider.		.951
S 3		.901	
S4	My service provider offers flexible service packages that meet my needs.	.879	
S5	My current service provider could provide me higher satisfaction than other service providers.	.852	
S6		.881	
T1			.843
			.0.0
		.022	
T5		.692	
M1	I am always open to give my suggestion for improvement of	.766	.911
M2		935	
1413		.214	
Μ4		796	
141-1		.770	
C1		707	.887
CI		.707	.007
C2		910	
	Latest promotional information are communicated clearly and		
CJ		.007	
C4		771	
C4		.//1	
Ω1		752	.902
			.902
Q2	• • •	.767	
Ω3		883	
Q3		.005	
Ο4		906	
			.877
			.0//
L3	My relationship with my service provider has a great deal of	.798	
	narronal magning to ma		
L4	personal meaning to me. I intend to purchase extra other service or package from my	.771	
	S1 S2 S3 S4 S5 S6 T1 T2 T3 T4 T5 M1 M2 M3 M4 C1 C2 C3 C4 Q1 Q2 Q3 Q4 Q5 L1 L2	S1 I am satisfied with the price offered by my service provider. S2 I am delighted with the performance of my service provider S3 The services offered meet my expectations. S4 My service provider offers flexible service packages that meet my needs. S5 My current service provider could provide me higher satisfaction than other service providers. S6 Overall, I am satisfied with my service provider. T1 My service provide is reliable in providing their services. T2 My service provider has high integrity. T3 My service provider fulfill well their promises (i.e., price offers, marketing communications, etc). T5 My service provider fulfill well their promises (i.e., price offers, marketing communications, etc). M1 I am always open to give my suggestion for improvement of the service. M2 My service provider respected customer's feedback. M3 My service provider will involve customers in their promotional activities. M4 My service provider maintains two ways communication with the customers. C1 I received regularly updates information on my current services from my service provider. C2 The staff are friendly and fulfilled my request at the outlet. C3 Latest promotional information are communicated clearly and timely manner to the customers. C4 My service provider effectively use email and social media to communicate with customers. C9 My service provider is consistent in providing quality service. Q1 My service provider maintains good quality relationship with customers. Q2 My service provider maintains good quality relationship with customers. Q3 My service provider maintains good quality relationship with customers. Q4 I received recognition as a loyal customers. Q5 I am respected as a valuable customers. U1 I will stay loyal to my current service provider. U2 I will recommend my service provider to others.	S1 I am satisfied with the price offered by my service provider. 841 S2 I am delighted with the performance of my service provider 890 S3 The services offered meet my expectations. 991 S4 My service provider offers flexible service packages that meet my needs. S5 My current service provider could provide me higher satisfaction than other service providers. S6 Overall, I am satisfied with my service provider. 881 T1 My service provide is reliable in providing their services. 661 T2 My service provider has high integrity. 726 T3 My service provider is trust worthy. 709 T4 My service provider fulfill well their promises (i.e., price offers, marketing communications, etc). T5 My service provider has a good brand image. 692 M1 I am always open to give my suggestion for improvement of the service. M2 My service provider respected customer's feedback. 935 M3 My service provider will involve customers in their promotional activities. M4 My service provider maintains two ways communication with the customers. C1 I received regularly updates information on my current services from my service provider. C2 The staff are friendly and fulfilled my request at the outlet. 910 C3 Latest promotional information are communicated clearly and timely manner to the customers. C4 My service provider effectively use email and social media to communicate with customers. C9 My service provider emphasize on mutual relationship with customers. C9 My service provider maintains good quality relationship with customers. C9 My service provider maintains good quality relationship with customers. C9 I mesence das a valuable customers. 906 C9 I am respected as a valuable customers. 906 C9 I am respected as a valuable customers. 906 C9 I will recommend my service provider to others. 809

4. Results

4.1 Demographic Profile of the Respondents

From the total of 405 respondents, majority respondents are female (59%), followed by male (41%). As for the respondents' monthly income, 4.7 percent earned less than RM1500, 13.3 percent of the respondents have an income between RM1500- RM3000. Furthermore, 41.4 percent of the respondents have an income between

RM3000-RM6000 and 31.4 percent of the respondents belong to the income group of RM6000-RM10000. Respondents with an income above RM 10000 comprises 9.2 percent. Majority respondents are Chinese respondents (51.6%), followed by Malay (26.3%), Indian (13.5%) and others (8.6%). As for the respondents' age, 9.3 percent belong to the age group of 18-20, followed by 25.6 percent under the age group between 21 -38. Majority of 49.1 percent of the respondents under the age group of 39-49, and 16 percent belong to age group of 50 and above.

4.2 Model Compatibility Testing

SEM was applied to estimate the relationships between satisfaction, trust, control mutuality, communication, relationship quality, and customer loyalty using the maximum likelihood procedure. The research model has achieved a good fit as shown in Table 2. The *Chi-Square* value is 902.86 and according to Barrett (2007), chi square probability value greater than 0.05 indicates acceptable model fit. The ratio of x^2 /df was 2.66, lower than the value 3.0, as suggested by Byrne (2001). Incremental fit indices were greater than 0.9, with IFI of 0.93, CFI of 0.93 and TLI of 0.92. The absolute index with RMSEA of 0.064, achieved lower than 0.8 (Browne and Cudeck 1993).

Table 2. Goodness of Fit

Index	Level of Acceptance	Result	Model Evaluation	
Chi-square	P>0.05	902.86	Good	
Chisq/df	Chi Square / df <3.0	2.663	Good	
RMSEA	RMSEA < 0.08	0.064	Good	
IFI	IFI > 0.9	0.930	Good	
CFI	CFI > 0.9	0.930	Good	
TLI	TLI > 0.9	0.922	Good	

The normality assessment was conducted and indicated that the data is normally distributed with value of skewness between -1.0 and 1.0, and kurtosis of between -3.0 and 3.0. Finally, the estimated path coefficients were derived and the research hypotheses were examined.

4.3 Model Causality Testing

The final structural model is shown in Figure 2.

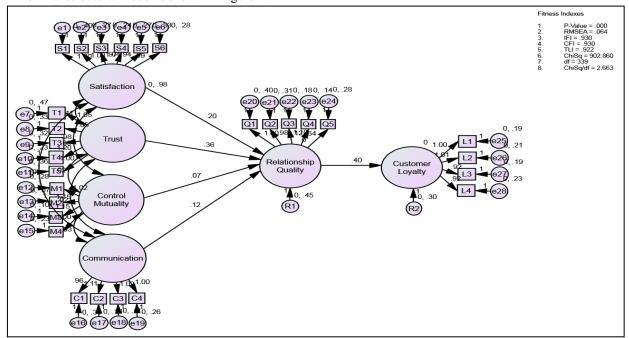


Figure 2. Final Structural Model

The regression weights and probability value which indicates its significance is shown in Table 3. The results concluded that satisfaction had significant positive effect (0.199) on relationship quality and H_1 is accepted. H_2 is accepted and trust has significant effect on relationship quality (0.359). The regression coefficient of the relationship between control mutuality and relationship quality is not significant (0.069). The regression coefficient of the relationship between communication and relationship quality is not significant (0.120). As a result, H_3 and H_4 is rejected. Subsequently, relationship quality had positive effect (0.403) on customer loyalty,

and H₅ is accepted.

Table 3. Regression Weights and the Probability Value which Indicates its Significance

Paths			Estimate	S.E.	C.R.	P	Result
Relationship quality	<	Satisfaction	.199	.040	5.039	***	Supported
Relationship quality	<	Trust	.359	.072	4.955	***	Supported
Relationship quality	<	Control Mutuality	.069	.059	1.175	.240	Rejected
Relationship quality	<	Communication	.120	.061	1.953	.051	Rejected
Customer Loyalty	<	Relationship quality	.403	.046	8.684	***	Supported

5. Discussion and Conclusion

The social exchange theory is validated through the positive relationship found between relationship quality and customer loyalty. The result of this research found that satisfaction has significant effect on relationship quality. We can conclude that customers are generally satisfied with their current service providers. However, the satisfaction's correlation coefficient value of 0.199 still considered as weak according to "Guilford Rule of Thumb", with r value of below 0.4 (Guilford, 1956). The study also found that trust had the strongest correlation and positively correlated to relationship quality. The results obtained are consistent with the previous studies conducted by Cerri (2012) and Hunt, Brimble and Freudenberg (2011). The findings revealed that for long-term relationship success, relationship quality should focus on increasing customer satisfaction and trust through improvement of service delivery and introduce innovative new services to the customers.

In the price sensitivity consumer market in Malaysia, frequent reward and promotional offers would increase consumers' consumption level and loyalty. Furthermore, the service providers should be more focused in their segment-level strategies by offering different service packages to customers of different segments and value. Customers clearly prefer quality services with fair prices in the competitive market in order to meet their satisfaction and expectations. Attractive packages with better value-adds, for example, offer a bigger data pool to be shared between the principal and supplementary lines. Competition within the telecommunication service providers would have to evolve into greater product differentiation and novelty from the predominant price engagement currently.

Furthermore, the result of this research shown that control mutuality has no significant effect on relationship quality. Customers perceived the service providers have weak involvement of customers in their decision making for service innovation and promotional activities. The degree of control in the relationship that customers have are limited due to commitment and constraint in service contract imposed by the service providers. According to Grönroos and Voima (2013), companies should plan its resources and processes, as well as the competencies to manage them, toward supporting its customers' everyday processes such that the customers' goals are reached in a value-creating manner.

Communication has no significant effect on relationship quality. Although the number of subscribers is large and it can be quite challenging to maintain frequent contact with the customers. The service providers should improve on the credibility, accuracy, adequacy and completeness of the information, and source for more cost effective means of communication via email, sms, personal contact and social network with the customers. More focused and improved communication with the customers would avoid customers from switching to other competitors, and subsequently affect customer loyalty.

This study is confined to the telecommunication industry in Malaysia and limited to the four dimensions of customer satisfaction, trust, control mutuality and communication as determinants of relationship quality. Future studies should explore on other industries and other dimensions of relationship quality such as commitment, benevolence and conflict handling.

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