

Role Of Perceived Value, Customer Expectation, Corporate Image And Perceived Service Quality On The Customer Satisfaction

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ABSTRACT

This study sets out to investigate the influence of perceived value, customer expectation, corporate image and perceived service quality on the customer satisfaction particularly in Pakistan telecommunication industry. To test the conceptual framework, multiple regression has been used to analyze the data collected from 450 respondents of Pakistan telecommunication companies operating in the Pakistan. This study reveals number of notable findings including the empirical verification that value, customer expectation and corporate image significantly enhancing the customer satisfaction. We also observed that perceived service quality is negatively related to customer satisfaction but insignificant. Furthermore results shows that gender provides no basis for differentiation among variables in determining the customer satisfaction.

Keywords: Customer Satisfaction; Perceived Value; Corporate Image; Perceived Service Quality

1. INTRODUCTION

 Customer satisfaction with product or service presumably leads to repurchases, adoption of other products/services from the same firm and favorable word of mouth publicity. If this theory is true then the understanding of factors influencing the customer satisfaction is essential to marketers. Customer satisfaction is pointed out as the ultimate goal of all firms (Morgan, Anderson, & Mittal, 2005). Normally we categorized firms into two types as one is service based firms and other is product based firms. These two types are different from each other because of their own unique characteristics for example, we can store the product but we could not store the service. No doubt customer satisfaction in products and services based firms carries the equal importance but for service based firms it becomes quite complex because of the unique characteristics of service.

As world is becoming competitive day by day, to survive in today's high competitive world companies should pay more and more attention to the customer satisfaction. Customer satisfaction is the contentment of the customer with respect to his or her prior purchasing experience with a given service firm as explained by (R. E. Anderson & Srinivasan, 2003). Customer satisfaction defined as "the consumer's fulfillment response, the degree to which the level of fulfillment is pleasant or unpleasant" by (Oliver Richard, 1997). It seems customer satisfaction is all about the judgment of the service provider (McDougall & Levesque, 2000).

Customer satisfaction is the capabilities to meet the customer expectations (Oliver, 1980). If the service or product is below the expectation of the customer the customer will not satisfy. Therefore service providers need to identify their customer expectations towards their services in order to make customer satisfied. Number of studies in the existing literature highlighted the importance of perceived value towards customer satisfaction as perceived

value is directly related to the customer willingness to buy argued by (Dodds & Monroe, 1985). The purpose of providing value to customers consistently and more effectively than competitors is to retain and make customer more satisfied documented by (Schiffman & Kanuk, 2004). Perceived Service quality has been extensively studied but still has room for more discussion.

SERVQUAL model introduced by (A Parasuraman, Zeithaml, & Berry, 1988) that has been widely used across industries to determine perceived service quality and later on criticized by (Brown, Churchill Jr, & Peter, 1993). This criticism resulted many other models to measure the perceived service quality as one of the famous model is (Oliver, 1981) expectancy-disconfirmation model. This debate spurred the researcher and practitioners to study perceived service quality. The reason for the interest in perceived service quality by practitioners results from the conviction that this has beneficial effect on the bottom-line performance for the firm. Adapting the framework to a services context suggests that service quality have direct influence on customer satisfaction. There are many studies showing the relationship between perceived service quality and customer satisfaction as (Cronin Jr & Taylor, 1992). As service is intangible in nature, due to this characteristic the association between customer satisfaction and perceived service quality has proved difficult to pin point described by (Cameron, Moizer, & Pettinicchio, 2010). Customer service is an important driver of customer equity and should be a high priority while attracting and retaining the right customers (E. W. Anderson & Sullivan, 1993). When customer purchase the products/service from the company they are not only buy the products/services but also receive set of values from the company highlighted (Ind, 1997). The sum of those values is known as the corporate image. Corporate image is related to the physical and behavioral attributes of the firm like name of firm, variety of products/services and the impression of quality communicated by each person interacting with the firm's clients explained by (Nguyen & LeBlanc, 1998). These studies highlighted the importance of corporate image towards the customer satisfaction. No doubt perceived service quality, perceived value, customer expectations are the key determinants of customer satisfaction but the importance of corporate image could not be ignored.

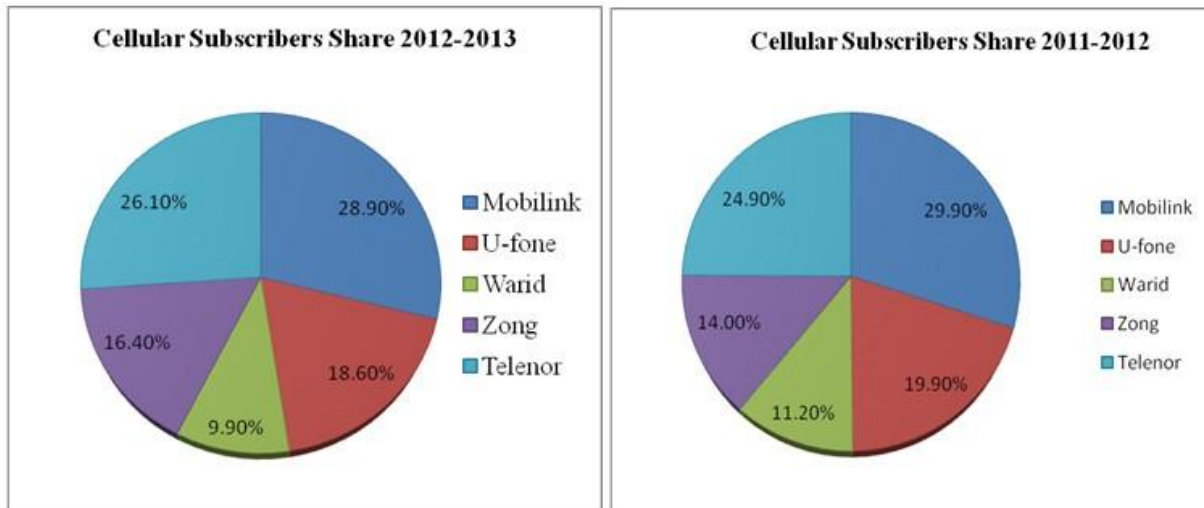
The study is presented in four additional sections. Firstly, in the introductory section of Pakistan telecommunication, a discussion of overall market analysis, competition, growth and potential challenges is presented. Second section reviews on the studied variables and outlines the expected relationships in a research model. In the third section appropriate measures are identified and research is carried out among telecommunication users to test the hypothesized relationships. These results are then discussed in the fourth, and the conclusions are presented in the fifth section.

1.1 Pakistan Telecommunication Industry

Pakistan has one of the liberal foreign investment regimes in South Asia. 100% foreign equity is permitted in various sectors of the economy. Pakistan has very fruitful market with large consumer base of more than 180 million people. South Asia is the home to fastest growth of telecom, but Pakistan is quite exceptional in this industry. Pakistani telecommunication growth beat the neighbor country's sectors as in 2007 Pakistan telecommunication growth was 46.9% as compared with India, Bangladesh and Sri Lanka was 15% and 37% respectively. This great potential attracted a respectable amount of foreign direct investment of USD 2.8 over few years. This sector contributing significantly in the country Exchequer as in 2012 PKR 133billion has been collected as taxes, regulatory fess and others fees.

Lucrative market growth in telecommunication industry attracted new players in the industry. As a resulted during the period of 2012-2013 a mixed competition has been witnessed. Due to this tough competition, market share is changing as shown in the Figure 1.

Figure 1. Cellular Subscribers Share



*Pakistan telecommunication Authority Report 2012-2013

It is assumed new players in the market kept the momentum of the competition in the market. This is alarming time for the players to put more concentration on the customer satisfaction. If we critically do the comparison between 2012 and 2013, Mobilink share decreased by 1% while Ufone market share decreased by 1.3%. There are more than one reasons for this critical situation, one of them is the dissatisfaction of the customers also. The current successful launching of 3G and 4G technologies on one hand created the room for potential growth meanwhile it also accelerated the more competition in the market. The most interesting fact in the Pakistan telecommunication is that for subscribers there is no switching cost. This factor facilitates the users to switch easily from one network to another network. To survive in such kind of industry, customer retention is very critical and without satisfying the customer the retention is not possible (Pitt & Jeantrout, 1994); (Bagozzi, 1992).

1.2 Study Objective

The overall objective of this study is the understanding of the factors influencing the customer satisfaction in telecommunication industry. For this first thing is to identifying the potential factors influencing the customer satisfaction by following the existing studies in the field of marketing, satisfaction, corporate image and customer satisfaction. Finally the empirically testing of the proposed relation to verify whether the proposed relationship holds true.

2. LITERATURE

2.1 Perceived Value

The relationship between service behavior and perceived service quality has proven its role and value in management/marketing (Heskett & Sasser, 2010). Perceived value is customers' psychological assessment of the product or service with the expectations of that product or service. Marketing researchers have admired the advantages of satisfaction and quality, and have mentioned them as indices of an organization competitive benefit (Birgelen, Wetzels, & de Ruyter, 1997). Customer perceived value is major factor influencing customer satisfaction document by (Bolton & Drew, 1991); (A Parasuraman, et al., 1988). Many researchers show the importance of the perceived value by empirically showing the direct influence of perceived value with the consumer willingness to buy (Dodds & Monroe, 1985). The positive relationship between the perceived value and customer satisfaction sited by (Patterson & Spreng, 1997). Perceived value has been studied with more than one direction. Customer perceived value model for telecom industry with three dimensions economic, emotional and social values documented by (Sweeney & Soutar, 2001). In economic dimensions customer perceive value means the cost that is charged by the service provider and if the cost is relatively low with competitors the satisfaction gets higher. For emotional value

customer do their repurchasing decisions upon the feelings that generated by the service. Finally the social value means that all about the service feeling ability to enhance the self concept. In the light of above literature we are expecting that perceived value will contribute positively in customer satisfaction in Pakistan telecommunication industry.

H1: Perceived value has a significant influence on customer satisfaction.

2.2 Customer Expectations

Expectations can be defined as “perceived potential of alternative suppliers and brands to satisfy a number of explicit and implicit objectives in any particular buying decision” (Sheth, 1973). Information of customer expectation is important because this factor influences the customer behavior and management within the limited resources can manage the expectations of the customers. Normally expectations a customer have about a product or service depend upon the information gathered from the available resources. Customer expectations could be influenced by the advertising, promotions and positive word of mouth. A huge body of literature explains the importance of customer expectations and customer satisfaction. There are many quotations expressing the customer expectations in different ways like “It is necessary to exceed customer expectations”. It is very important that if the product or service fulfills the expectation of the customer they will give more preference of that product or service next time. There is one famous statement regarding this as “If a customer expects a bad level of quality and receives it, he/she will reduce his/her level of preference for the brand”. This is why customer expectation could not be ignored while studying the customer satisfaction because it plays vital role in customer behavior regarding future repurchases decision. There are many studies that showed the importance of customer expectation in customer satisfaction and suggested how to manage and meet their expectations as (Boulding, Kalra, Staelin, & Zeithaml, 1993); (Anantharathan Parasuraman, Zeithaml, & Berry, 1985). Customer expectation is the key to customer satisfaction, delight and loyalty stated by (Kotler, 2000). Service providers must identify the needs and expectations of the customer to achieve higher customer expectations (Arun Parasuraman, Berry, & Zeithaml, 1991). Managing and fulfilling the customer expectations is a good tool to enable the customers satisfied (Pitt & Jeantrout, 1994). After carefully reviewing the existing literature regarding the customer expectations and customer satisfaction we hypothesized.

H2: The ability of the firm to meet the expectations of its customers has a direct effect on customer satisfaction.

2.3 Corporate Image

Corporate image is all about the physical and emotional behavioral with the firm such as products and strong word of mouth concluded by (Nguyen & LeBlanc, 1998) and (Nguyen & Leblanc, 2001). Many conceptualizations of corporate image have been advanced in the past. It was argued that customer satisfaction leads to corporate image (E. W. Anderson & Sullivan, 1993). Service quality causes superior reputation in Chinese banking industry (Wang, Lo, & Hui, 2003). The link between corporate image and customer satisfaction deserves more attention. Later it was found that corporate image is the driver of customer satisfaction (Andreassen, 1994); (Ryan, Rayner, & Morrison, 1999). Similarly product name and company’s sales history are significantly contributing to the consumer familiarity and confidence documented (Haque, Sadegzadeh, Khatibi, & Al Mahmud, 2006). Corporate image, service quality and switching cost are the main factors of customer loyalty examined by (Aydin & Özer, 2005). The influence of corporate image has been studied in telecommunication, retailing and education sector and results showed that corporate image has significant positive effect on customer satisfaction that resulted in customer loyalty (Nguyen & Leblanc, 2001). Corporate image facilitate customer for the valuation of the service quality and satisfaction (Andreassen & Lindestad, 1998); (Zins, 2001). The consumers have positive mental schema of a product/service will lead to higher satisfaction and loyalty studied by (Brodie, Whittome, & Brush, 2009).

H3: Corporate image will have a direct positive effect on customer satisfaction.

2.4 Perceived Service Quality

Today the quality of products and services is of great importance. It is widely acknowledged that surviving in complex and competitive world requires quality production. To understand and access the outcomes of efforts realized for good quality production, quality should be measurable. The quality of goods can easily be considered by taking into account the certain physical properties. The measurement of service quality is rather complex because quality in this case depends on many factors.

While there have been efforts to study perceived service quality, there has been no general agreement on the measurement and relationship with customer satisfaction. At the time of purchase it is not necessary that perceived service quality is same as in the mind of customers stated by (Crosby, Evans, & Cowles, 1990). Many of the definitions of the Perceived service quality revolve around the identification and satisfaction of customer wants and requirements. Service quality can be defined as “the difference between predicted, or expected, service (customer expectations) and perceived service (customer perceptions)” documented by (Anantharathan Parasuraman, et al., 1985).

Although there is conflicting evidence of perceived service quality (Lehtinen & Lehtinen, 1982) gives three dimensional view that are interaction, physical and corporate quality, perceived Service quality is the determinant of the customer satisfaction concluded by (Cronin Jr & Taylor, 1992). The bulk of literature tends to support satisfaction as the outcome of perceived service quality (Brady & Robertson, 2001); (Anantharathan Parasuraman, et al., 1985); (Taylor & Baker, 1994); (Teas, 1994). Above said arguments suggest the following hypothesis.

H4: *Customer satisfaction is positively influenced by the perceived service quality.*

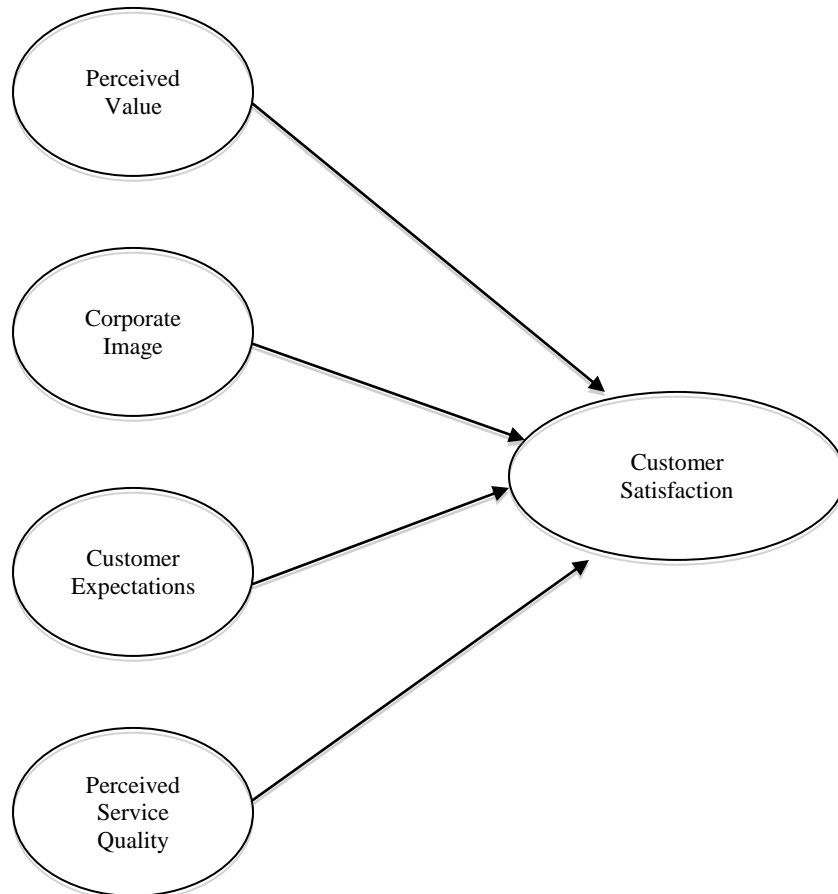
3. METHODOLOGY AND ANALYSIS

This section develops the research framework that can be used to measure the customer satisfaction. In addition this section also briefly discussed the sample, data and research methodology.

3.1 Research Framework

The relationship framework of customer satisfaction, perceived value, customer expectations, corporate image and perceived service quality was established based on the literature review. Perceived value, customer expectations, corporate image and perceived service quality will directly affect the customer satisfaction. Based on the preceding discussion a hierarchical structure of customer satisfaction and relationship among variables are proposed in Figure 2

Figure 2. Conceptual Frame Work



$$CustomerSatisfaction = a + b1PerceivedValue + b2SustomeExpecations + b3Corporate Image + bPercievedServiceQuality + e$$

3.2 Sample and Data Collection

Data was collected through distributing the structured questionnaire by following random sampling technique to the users of telecom operators in various part of the Punjab the prime province of Pakistan. The Punjab was selected because significant numbers of consumer of telecom operators are available in Punjab as compared to other provinces of Pakistan. In this study respondents targeted were males and females. Before collecting the data a pilot study was conducted to verify the validity of the questionnaire. The results produced favorable outcomes and gave us green signal to go ahead. Section one of the questionnaire designed to collect demographic and socio economic background of the respondents while section two designed to measure the participant’s satisfaction of the operator’s service through perceived value, customer expectations, corporate image and perceived service quality. The responses of this measurement were scored using a five-point rating scale. It is to be noted that the participants were clearly briefed about the objective and purpose of this study before distribution of the questionnaire and ensured them that information given by them will be confidential and will never disclose. 550 questionnaires were distributed, in total survey yielded 500 responses. Of the 500 responses 50 were considered unusable due to relatively high amount of missing values, while 450 were complete and used for data analysis.

3.3 Analysis Approach

Data analysis is accomplished by following the inferential statistics techniques. To measure the validity of this research validity analysis was carried out by following Cronbach's α coefficient. Correlation analysis is used to measure the relationship among the suggested variables. As the proposed model to be tested, multiple regression was used to determine the influence of perceived value, customer expectations, corporate image and perceived service quality on customer satisfaction. The software package was used SPSS. Multiple regression analysis has been extensively used in the existing literature to measure model Figure 2 as (A Parasuraman, et al., 1988); (Aydin & Özer, 2005); (Brady & Robertson, 2001).

4. RESULTS

4.1 Reliability of Data

Reliability analysis was conducted using the procedures outlined by (Cronbach, 1951) alpha that ranged from 0.85 to 0.70 which exceeded the cut point of 0.70 shows in Table 1 (Leech, Barrett, & Morgan, 2005).

Table 1. Reliability Analysis

Name of Variable	Nature of Variable	Number of Items included	Cronbach's Alpha
Customer Satisfaction	Dependent Variable	10	0.80
Perceived Value	Independent Variable	4	0.70
Customer expectations	Independent Variable	6	0.85
Corporate Image	Independent Variable	3	0.78
Perceived Service Quality	Independent Variable	4	0.82

4.2 Descriptive Statistics

Table 2 shows the socio-demographic profile of respondents characterized by majority of males (55.6% of the sample). Thirty four percent of the subjects were married (58 males and 98 females) and another 294(66%) were unmarried. An average qualification for male respondents is master with (53.4%). Almost twenty five percent of respondents were using post-paid connection while rest 75% per using the pre-paid mobile connection. Based on the overall customer data it was concluded that this was a fully representative sample.

Table 2. Socio-Demographic Profile of Overall Sample

Gender	Marital Status		Service Used		Qualification			
	Married	Unmarried	Post Paid	Pre-Paid	Matric	Intermediate	Bachelor	Master
Male	58 (23.2%)	192 (76.8%)	70 (27.3%)	186 (72.7%)	28 (11.4%)	12 (4.9%)	75 (30.4%)	132 (53.4%)
Female	98 (49.0%)	102 (51.0%)	45 (23.2%)	149 (76.8%)	35 (17.2%)	48 (23.7%)	65 (32.0%)	55 (27.1%)

To investigate either the gender makes any differentiation in factors of customer satisfaction we applied t-test in

Table 3. The results of t-test indicated that gender not significant difference among the factors identified for the customer satisfaction.

Table 3. Customer Satisfaction with respect to gender

	Gender	N	Mean	Standard Deviation	Standard Error Mean	T-test for Equality of Means		
						t-value	d.f.	Sig. (2-tailed)
Customer Satisfaction	Male	250	28.32	4.50	0.22	-0.732	448	0.325
	Female	200	27.03	4.15	0.30			

4.3 Correlation Analysis

The construct correlations are described in Table 4. The coefficients were significant ($p < 0.05$). The results are consistent with the prior study of (A Parasuraman, et al., 1988) that indicated that perceived value have positive influence on customer satisfaction. Meanwhile coefficient of Customer expectations indicated that customer expectations and customer satisfaction are positively correlated as (Pitt & Jeantrout, 1994). This study and (Andreassen & Lindestad, 1998) study showed the same results that corporate image has significant influence on customer satisfaction. However this study did find a marginally significant influence of corporate image which could be explained by overall more involvement of customers and firm. Interestingly we found that perceived service quality have insignificant negative influence on customer satisfaction. It could be justified as the perception of the perceived service quality in the minds of customer changes over the period of time.

Table 4. Correlation Analysis

		Customer Satisfaction	Perceived Value	Customer Expectations	Corporate Image	Perceived Service Quality
Customer Satisfaction	Pearson Correlation Sig. (2-tailed)	1	.549** (.001)	.712** (.002)	.780** (.000)	-.532** (.17)
Perceived Value	Pearson Correlation Sig. (2-tailed)	.549** (.001)	1	.649** (.000)	.232 (.253)	.062 (.315)
Customer Expectations	Pearson Correlation Sig. (2-tailed)	.712** (.002)	.649** (.000)	1	.592** (.009)	.041 (.132)
Corporate Image	Pearson Correlation Sig. (2-tailed)	.780** (.000)	.232 (.253)	.592** (.009)	1	.186 (.062)
Perceived service Quality	Pearson Correlation Sig. (2-tailed)	-.532** (0.17)	.062 (.315)	.041 (.132)	.186 (.062)	1

**Correlation is significant at the 0.05 level (2-tailed)

4.4 Empirical Analysis Evaluation of Proposed Model:

Figure 3 and Table 5 shows the results from the proposed model with R-square of 0.599. All except of one of the variables coefficients are significant at $p = 0.03$. Overall model is highly significant. This result reveals that attention must be fastened on key factors perceived value, customer expectations in order to enhance the customer satisfaction.

In terms of construction of customer satisfaction, perceived value ($\beta = 1.214, 0.005$) is most important and significant factor that affects the customer satisfaction followed by customer expectations ($\beta = 0.394, 0.035$) and corporate image ($\beta = 0.462, 0.020$). The results suggested that attention must be paid to customer expectations and corporate image to improve the customer satisfaction. Surprisingly Perceived service quality ($\beta = -0.012$) showed the insignificant negative influence on customer satisfaction. This interesting fact indicates that attention must be paid to perceived service quality to convert its contribution positively in the customer satisfaction. As the perception of perceived service quality in the minds of customers, changing over time so there is strong need to respond that variation timely and properly to enhance satisfaction.

Figure 3. The Estimated Model

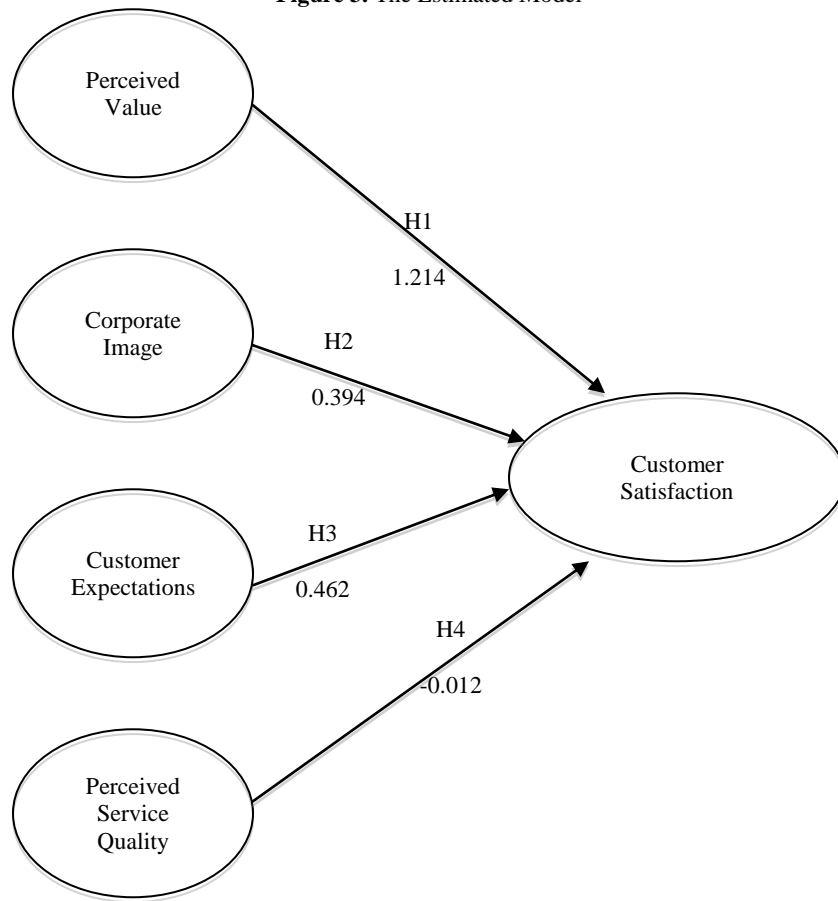


Table 5. Analysis of Evaluation of Proposed Model

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.774	.599	.584	3.826

Table 6. ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	3242.055	5	648.411	36.9292	0.000**
Residual	6584.326	375	17.5582		
Total	9826.381	380			

Table 7. Coefficients

Factors	Unstandardized Co-efficient		Standardized Co-efficient	t	Sig.
	B	Standard Error			
(Constant)	12.364	1.2354		10.0074	0.000**
Perceived Value	1.214	0.1951	0.5633	6.2234	0.005**
Customer Expectations	0.394	0.0752	0.1135	5.2394	0.035**
Corporate Image	0.462	0.0958	0.1725	4.8233	0.020**
Perceived Service Quality	-0.012	0.1046	-0.0083	-0.1146	0.729

**Significant at 0.5 level (2-tailed)

The four main concepts of the research framework (Perceived value, customer expectations, corporate image and perceived service quality) are all hypothesized positive. The findings support all hypotheses except one ‘perceived Service quality insignificantly has negative impact on the customer satisfaction’. The other three are

highly significant. The positive affect of perceived value on customer satisfaction confirmed the existing studies by (Bolton & Drew, 1991); (A Parasuraman, et al., 1988). The significant positive influence of customer expectations on satisfaction is in the same line as (Arun Parasuraman, et al., 1991). The positive contribution of corporate image in the customer satisfaction is consistent with the existing literature (Andreassen & Lindestad, 1998); (Zins, 2001). Sometimes customer are confused regarding the perceived service quality that resulted in dissatisfaction studied by (Crosby, et al., 1990). This is the reason we found that interesting phenomena in our findings. Thus these results suggest that customer satisfaction can be improved by focusing on perceived value, customer expectations, corporate image and perceived service quality.

5. CONCLUSION

The overall purpose of this study was to build up an understanding of the effect of perceived value; customer expectations, corporate image and perceived service quality on customer satisfaction in the telecommunication industry. The results prove the hypothesized relationship in the research framework. The results also show that while gender provides no basis for differentiation among variables in determining the customer satisfaction.

The research contribute in our knowledge by providing support for the construct that perceived value, customer expectations, corporate image and perceived service quality have direct influence on customer satisfaction. Perceived value has been found to be most important factor for the customer satisfaction. However the main focus of the management should be on all factors but perceived value is an important factor. It is critical for service firms to establish benchmark and needs to monitor its performance among its customers in the same way that the firm monitors its management accounts. Different benchmarks may be needed for different segments that firm targets.

Every study has its limitation and this study is no exception. Firstly the results pertain only to the respondents and generalization to the wider population should be done with caution. The sample size is not large but sufficient for the type of analysis undertaken.

This study provides a number of directions for the future research. Work can focus on identifying and possibly developing a unique measure of customer satisfaction for the telecommunication industry. It is also possible to look at developing stronger model by adding more variables beyond the four studied in this study. Similarly the same model may be applied to measure the corporate user's satisfaction within the same industry.

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