Vol. 5 Issue.4

Service Quality, Customer Satisfaction, and Customer Loyalty of Internet Banking in Vietnam.

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Abstract

At the present time, the Internet plays an important role in people's daily lives, and it should be considered as a service delivery channel that provides and maintains the service quality. In particular, the convenience of banking through the Internet that not only allows cost reduction for customers but also provides a quick and efficient service. The key purpose of this study is to find out the impact of factors relating to the service quality on customer satisfaction, and to test the relationship between the effect of the Internet banking service, customer satisfaction, and customer loyalty in Vietnam. Respondents numbering 293 from Vietnam were selected and interviewed in this study. Regression analysis was used to test the six research hypotheses. The results indicated that five of the six hypotheses were supported and reliability, fulfillment, efficiency, and website design, had a positive influence on the satisfaction of customers and customer satisfaction has been a significant influence on customer loyalty. Lastly, to propose effective measures on how to enhance the quality of the Internet banking service in Vietnam.

Key Words: Internet Banking, Service Quality, Customer Satisfaction, Customer Loyalty, Vietnam.

Introduction

The rapid growth of the Internet usage when combined with the rapid expansion of electronic payment has resulted in more intense competition in the highly competitive electronic market. Accordingly, the companies are also changing their business strategies by enhancing the service quality to satisfy their customers. The banking industry is no exception, as many banks already use the online payment method via electronic banking to make their transactions. Besides, with the strong development of information technology, electronics services will become main stream in the future. In the Vietnam market, the online payment has been developed over in recent years but is now really booming. According to Internetlivestats.com (2015), the population is over 93 million people with more than 47 million the Internet users, access the network two hours per day on average and online shopping accounts for more than 58%. Beside, consumer trends show no card contributing to the development of payment service on the Internet. Hence, consumer power has made a strong impact on the survival of the banking industry, especially, when the Prime Minister of Vietnam has approved a scheme to promote the non-cash payments, during the second phase (2011- 2015). The scheme specified that the objectives were achieved by the end of 2015 was the ratio of cash in the total means of payment below 11% (http://www.chinhphu.vn). According to the State Bank of Vietnam that at the end of 2015, the banking system has: seven state-owned

Vol. 5 Issue.4

banks, 28 joint-stock commercial bank, four joint venture banks, five foreign owned banks, two policies banks, 49 foreign bank branches (http://www.sbv.gov.vn). They are to provide customers with the ability to bank from anywhere at their most convenience via a safe and secured system. Customers can view their account balances, make a transfer request from their home, office, or even whilst on vacation.

In this booming trend of technology applications and highly competitive markets, the banks itself must take advantage of all these to increase their service quality, apply new technologies to attract customers, thereby being able to meet their demands, whilst expecting more from experience. Thus, each bank is not only encouraged to create good quality products, but also to satisfy the non-financial needs of customers so that they will remain loyal.

This study attempts to identify factors of Service Quality that affect Customer satisfaction, and the relationship between Customer satisfaction and Customer loyalty, in the Internet Banking system of Vietnam. There are some benefits from this study. Firstly, based on the results, banks can identify which are the key factors that effect to the satisfaction and loyalty of their customers. As such, the researchers and developers can enhance their service quality towards customers' satisfaction. Secondly, the results enable Vietnam's local banks to successfully improve their quality of banking service to compete with foreign banks. Specifically, banks can now effectively change the habit of performing financial transactions of their customers online.

Literature Review

Internet Banking and Benefits

Internet Banking is known as e- banking or online banking. It is an electronic payment system that allows customers of banks and financial institutions to perform many financial transactions via the Internet (https://en.wikipedia.org). Thus, the incredible growth of information technology is providing for new service offerings in a more accessible, convenient, and productive ways. More recently, people have also seen the rapid growth of the Internet, resulting in a more highly competitive electronic market. Accordingly, companies are also rapidly changing their business strategies to generate both customer satisfaction and loyalty. The banking industry is no exception, as the emergence of Internet Banking has changed their way of doing their business in several main areas such as distribution, production, and payment (Llevwellyn, 1997). In addition, Daniel (1999) defined Internet Banking services as the major information services of a bank and always available via the Internet, as it enables consumers to make their usual banking transactions on a computer, whether on desktop or tablet, which is equipped with an Internet connection (Fox, 2006). Many authors also defined that Increases in Internet usage have been accompanied by an increased need to make online financial transactions, such as transferring money between accounts, payments that include international accounts, and credit card transactions (Liao, Chang, Wu and Katrichis, 2011; Meerkerk, Eijnden and Garretsen, 2006). Internet Banking is open 24 hours a day, seven days a week, and can make convenient conditions for banks to provide their customers with numerous services, giving them the freedom to do more banking online, as and when required and usually offer successfully accurate transactions. With the benefits of new, simple, updated features and trouble-free application processes, a variety of funding options and minimal account deposit requirements, Internet Banking has become successful in enhancing the higher consumer satisfaction (Methlie, 1998), improving customer intention to repurchase, and loyal customers, by providing more positive words of mouth about the bank and their customers (Pham, 2010).

Internet Banking has been developed over recent years, but is really booming when the user purchases goods and services via the increasing the applications. It is also due to the number of benefits for both the provider and the customer as well. The major benefits of Internet Banking are reducing the transaction costs, decreasing the operational expenses, as the buyers and sellers can contact each other directly through the websites (Le, 2011). In addition, Internet Banking also improves the quality and timeliness of

Vol. 5 Issue.4

responses, enhances opportunities for advertising and branding, facilitates self-service and service customization, and improves customer communication and relationship (Gaura, 2002). Internet Banking has been developed to help deliver services and products better and more efficiently, as well as providing their customers with the opportunity to use a faster banking and transactions speed than traditional banking (Liao and Cheung, 2002).

However, considering the Internet as a service delivery channel will also be highly challenging in providing, maintaining, and improving the quality of service. Furthermore, because, the Internet is comparable to the different service offerings, and thereby the switching of costs are lower. Therefore, it is easier for customers to change service providers (Santos, 2003). This has motivated banks worldwide to offer many types of services to their customers. All these features have made Internet Banking ideal for customers who make regular financial transactions on a daily basis.

Service Quality

Service quality is defined as "a measure of how well a delivered service matches the customers' expectation" (Lewis and Boom, 1983). Whilst other authors defined service quality as referring to the customer's perception of the difference between the expected and the actual service (Gronroos, 1983). All these definitions are about traditional service quality when referring to the quality of all the non-Internet-connected customer interactions and experiences with companies. However, the growth of Internet usage by individuals and business organizations has changed the field of competition, which is quite unique and significantly different from the traditional markets.

According to the authors who developed the E-SERVQUAL to measure the electronic service quality, and to investigate how customers judge E- Service quality (E-SQ), defined that E-SQ is "the extent to which a website facilitates efficient and effective shopping, purchasing and delivery of products and services" (Zeithaml, Parasuraman and Malhotra, 2000). Another definition of E-SQ relates to the consumers overall assessment and judgment of the excellence and quality of the electronic service offering in the virtual marketplace (Santos, 2003). Wolfinbarger and Gilly (2003) defined E- Service quality as "the beginning to the end of the transaction including information search, website navigation, order, customer service interactions, delivery, and satisfaction with the ordered product". Therefore, E- Service quality is defined as the difference between the service that is expected by customers and the one actually provided to customers by the particular web-site. Measuring service quality is a better way to demonstrate as to whether the services are good or poor and whether the customers will be satisfied or dissatisfied with these services and products. One of the main reasons for the improvement of E-Service quality is that customers have the opportunity to access the company's website at any time. On the other hand, companies have more opportunities to attract and develop their relationship with customers on a global basis.

Service Quality Instrument

There are many studies on the E- Service quality. For instance, Zeithaml et al., (2000) developed the E-SERVQUAL with seven dimensions: Efficiency, reliability, fulfillment, privacy, responsiveness, recovery, and contact, which measures customer perception of service quality in the online field. Wolfinberger and Gilly (2003) developed the eTailQ with these four factors: website design, security/privacy, reliability, and customer service, for measuring the quality of online retail shopping. Yang, Jun and Peterson (2004), proposed the six key online service quality dimensions: reliability, ease of use, responsiveness, competence, security and product range. According to Lee & Lin (2005), who proposed that the key eservice quality dimensions are web site designs, responsiveness, reliability, personalization, and trust. They have suggested that trust is the most important decisive effect that influences overall service quality and customer satisfaction, followed by responsiveness and reliability. However, the traditional service quality dimensions cannot directly apply to Internet banking, because it represents a different and unique service delivery process, as dissimilar dimensions have been adopted in previous studies measuring electronic

Vol. 5 Issue.4

service quality. For example, Saha and Zhao (2005) identified nine service quality dimensions in Internet Banking, which are reliability, communications, efficiency, responsiveness, fulfillment, privacy, personalization, technology update, and logistic/technical equipment. The first five dimensions were tested as core dimensions in Internet Banking. Specifically, this study indicated that there are many benefits for customers using Internet Banking and many people are increasingly using this service today. Therefore, if the Internet Banking service can offer the high E- Service quality to increase customers' e-satisfaction, it could enhance customers to do more businesses with the banks, recommend the sites to other people, consider the sites as their first choice anytime they want to make their Internet Banking transaction, and choose these sites in preference to competitors (Ribbink, Riel and Streukens, 2004). Most of the e-Service Quality (e- SQ) studies indicate that the e-SQ is the foundation of E- Customer satisfaction (Szymanski and Hise, 2000), and it has a significant and positive influence on the satisfaction of customers of the Internet Banking services (Fassnacht and Kose, 2007).

This study provides a hybrid model with five service quality dimensions that are used to recur in prior studies: (1) reliability, (2) efficiency, (3) fulfillment, (4) private/security, and (5) website design, which examined the influence of these factors on customer satisfaction of Internet Banking Vietnam. These concepts are described as follows:

Reliability: Zeithaml, Parasuraman, and Malhotra (2000), defined this as follows: "Reliability is associating with correct technical functioning of the site and the accuracy of service promises (having items in stock, delivering what is ordered, delivering when promised), billing, and product information". Moreover, this also refers to the promptness of delivering the requested service in an accurate way (Parasuraman, Zeithaml and Berry, 1985; Jun and Cai, 2001; Yang, Jun and Perteson, 2004).

Efficiency: Parasuraman et al., (1985), defined efficiency as being associated with the simple structure, be easy to access, and use of the site.

Security/privacy: Parasuraman et al., (1985), defined security/privacy as the autonomy from danger, risk or doubt. Considering the security aspect in the context of Internet Banking, it may also be associated with the safe processing of online transactions, in addition to preventing unauthorized access to bank accounts and personal information (Yang et al., 2004).

Fulfillment: Fulfillment is the extent to which the website's promises about the delivery of a product, service, and item availability (Parasuraman, 2005).

Website design: Wolfinbargera and Gillyb (2003), defined Website as a design that includes some elements related to the design of a website (such as: navigation, information search, order processing) as well as an item dealing with personalization and product selection.

Customer Satisfaction

Neal (1998), defined customer satisfaction as the attitude resulting from what customers believe should happen (expectations), when compared to what they believe did happen (real experience). Besides, customer satisfaction is also related to a customer's evaluation of products and services after buying as opposed to their expectation (Oliver, 1997). Many other researchers (Oliver, 1981; Lovelock, Patterson and Walker, 2001) defined this as an individual's feeling of pleasure or displeasure resulting from the comparison of a product's perceived performance with their expectations.

Ribbink, Riel, Liljander and Streukens (2004), discuss the importance of E- Customer satisfaction when doing business online, and stated that satisfaction is likely to be even more important, since it is harder to keep the loyalty of online customers. Satisfaction of the Internet Service or E- satisfaction refers to customer satisfaction in the online marketplace and is defined as a long-term, developing construct,

Vol. 5 Issue.4

influenced by critical customer expectations and their perceptions changing over time, based on new consumer experience and knowledge (Ziethaml, 2002). The ability of an organization or a company to satisfy customers is vital for a number of reasons. Although there are many advantages which the Internet offers not only to banks but also to their customers in terms of increased productivity and reduced costs, it also hides a lot of risks and challenges for the service providers. Therefore, an understanding of customer satisfaction will create favorable conditions for companies to maintain customer satisfaction for their products or services, and along with creating a good impression (Anderson and Srinivasan, 2003). Conversely, delivering high e-SQ requires fully understanding of the Internet service quality dimensions that are considered as the foundation for retaining, and even producing, very satisfied customers.

Customer Loyalty

Customer loyalty, is defined as "a deeply held commitment to re-buy or re-patronize a preferred product offering consistently in the future, despite situational influences and marketing efforts having the potential to cause switching behavior" (Oliver, 1997). Loyal customers are less likely to switch to a competitor brand just because of price and/or other special promotions, bring in new customers through positive word-of-mouth, and they are less expensive to maintain (Yoo & Bai, 2013). Customer loyalty has also been identified as a major source of competitive advantages which has a significant influence on performance. Reichheld and Sasser (1990) found that a light increase in loyal customers can lead to a significant improvement in the profitability of a business, and a 5% increase in customer retention resulted in a 125% increase in profitability. Hence, it is important that organizations take steps to identify factors most valued by customers, and allocate resources accordingly to encourage loyalty among their customers (Sayani, 2014).

Hypothesis

Reliability is a dimension of the service quality that refers to the technical functioning of the site and that the information provided is accurate (Zeithaml et al., 2002; Saha and Y. Zhao, 2005). Arasli, Smadi and Katircioglu (2005) found that reliability has the highest effect on customer satisfaction. Furthermore, Zaim and Bayyurt (2010) found that reliability is important for customer satisfaction. Following on, Mai, Aris and Yuen (2013), found that reliability also positively influences on customer satisfaction in the retail banking sector in Hong Kong. Therefore, this study suggests that:

H1: Reliability has a positive influence on Customer satisfaction.

Fulfillment is the extent to which the website's promises about the delivery of the product, service, and item availability (Parasuraman, 2005). Besides, fulfillment also refers to the accuracy of service promises, delivers the product in the promised time (Saha and Zhao, 2006), whilst also indicating that fulfillment has a strong impact on customer satisfaction in Internet Banking. Therefore, this study suggests that:

H2. Fulfillment has a positive influence on Customer satisfaction.

Efficiency refers to the ease as well as the speed of accessing and using the site (Parasuraman, 2005). In addition, Saha and Zhao (2006) defined that efficiency is the ability of the customer to acquire a website, find their desired product and the information associated with it and indicated that fulfillment has a strong impact on customer satisfaction in Internet Banking. Mohd, Farnaz, Norhayati and Nawawi (2013) defined that efficiency is rated highly in terms of delivery of the Internet Banking services to users satisfaction. Therefore, this study suggests that:

H3. Efficiency has a positive influence on Customer satisfaction.

Vol. 5 Issue.4

In an Internet Banking setting, Chou and You (2005) found that security of the banks' Internet Banking did positively influence online customer satisfaction. Further, the study of Saha and Zhao (2006) indicated that security/privacy also had a strong impact on customer satisfaction. Therefore, bank managers need to especially concentrate on these e- Service quality dimensions that have a high impact on e- satisfaction. Nonetheless, there have been growing numbers of hacking and abuse of personal information globally (Gerrad, and Cunningham, 2003; Khamseh, Sobhanifard, and Akhavan, 2008). On the other hand, the banks are doing their best to make sure that there is zero possibility of problems regarding these security issues and to satisfy their customers accordingly. Therefore, this study suggests that:

H4: Security/privacy has a positive influence on Customer satisfaction.

In general, the website's attractiveness and appearance are the key factors shaping the customers first interpretation of a company website (Ki-Han Chung and Jae-Ik Shin (2008). Moreover, website design refers to the visual appeal of web links as being organized and customized search functions, as well as fast access and ease of error correction (Zeithaml et al., 2002). Hence, banks need to constantly improve these items to be able to attract both new and satisfied customers. Therefore, this study suggests that:

H5: Website design has a positive influence on Customer satisfaction.

Horstmann (1998) defined that there is a strong and positive relationship between customer satisfaction and customer loyalty. Shanka (2012) suggested that there is a strong theoretical foundation for an empirical exploration of the relationship between customer satisfaction and customer loyalty. According to these literatures, a higher customer satisfaction leads to a higher level of loyalty. Tee (2012) found a significantly positive relationship between customer satisfaction and customer loyalty. Therefore, this study suggests that:

H6: Customer satisfaction has a positive influence on Customer loyalty.

Methodology

Procedure

We gathered the data for this study through a consumer survey to understand not only the effect of factors of service quality on customer satisfaction but also the relationship between customer satisfaction and customer loyalty for Internet Banking in Vietnam. Responders were interviewed randomly through Facebook, email, face to face interviews, and online websites. Furthermore, the Internet provides additional opportunities to conduct surveys far more efficiently. All responders were Vietnamese who had experienced using, and/or knowledge of Internet Banking. The survey questionnaire for the study was designed in English and Vietnamese, and was randomly released to participants and then the 293 completed questionnaires were collected. The questionnaire consisted of seven sections and all the items were measured on a 5- point Likert scale, except for the demographic variables.

Data Analysis

Dependent and independent variables, which were collected through distributed questionnaires, were analyzed by the Statistical version 10 software. The regression model is used for independence variables in Vietnam. The regression analysis is a statistical approach to estimate the relationship among the variables. It combines many approaches for modeling, analyzing variables and determining the relationship between a dependent variable and an independent variable. There are two basic types of regression, which are the linear regression and multiple linear regression method. Besides, there are non-linear regression methods that are used for more complicated data and analysis. In addition, the multiple regression method applies

for two or more independent variables to predict the outcome, while the linear regression method is just used for one independent variable.

Multiple regression equation: $Y_1 = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \beta_3 X_3 + \beta_4 X_4 + \beta_5 X_5$ Linear regression equation: $Y_2 = \beta_7 + \beta_6 X_6$

In which:

 Y_1 : Customer satisfaction; Y_2 : Customer loyalty; X_1 : Reliability; X_2 : Fulfillment; X_3 : Efficiency; X_4 : Private/ Security; X_5 : Website design; X_6 : Customer satisfaction; β_0 , β_7 : the intercept; β_i (i= 1, 2, 3, 4, 5, 6): the slope;

Results

Demographic Analysis

The attributes of respondents consist of five major control variables including (1) Gender, (2) Age, (3) Occupation, (4) Education, (5) Income level as Table 1.

Table 1 Demographical statistics of sample (N= 293)

Characteristics	Frequency	Percentage (%)
Gender		
Male	143	48.8
Female	150	51.2
Age		
18-25	101	34.1
26-35	87	29.4
36-45	50	16.9
46-55	34	11.4
Above 56	21	7.1
Education		
High school	18	6.1
College or Diploma	149	50.3
Undergraduate Degree	80	27.1
PhD	19	6.4
Other	27	9.1
Occupation		
Student	66	22.3
Labor	26	8.8
Businessman	19	6.4
Manager	50	16.9
Staff office	37	12.5
Housewife	5	1.7
Engineer or doctor	24	8.1
Retired or unemployment	16	5.4
Other	50	16.9
Income level		
<\$250	90	30.4
\$251-\$500	93	31.4
\$501-\$750	44	14.8
\$751-\$1000	31	10.4
Above \$1000	35	11.8

Vol. 5 Issue.4

According to able 1, the rate of male and female respondents is not much different (48.8% and 51.2%). Most of respondents are between eighteen to twenty five years old, followed by those of twenty six to thirty five years old. More than fifty percent of respondents had or in the progress to get college diploma. Most of respondents are students or managers, the rest number equally work in positions of officers or labors, being engineer or retired. More than thirty percent respondents have a salary or supported finance grade at around \$251 to \$500, while more than eleven percent are above \$1000, most of them are businessmen and have PhD.

The Result of Regression Analysis

The results about the effect of the factors of service quality on customer satisfaction are illustrated in table 2. Firstly, the effect of reliability (β = 0.144, P< 0.05) on customer satisfaction is significant. It means that there are positive relationship between reliability and customer satisfaction in Internet Banking in Vietnam. The hypothesis 1 is supported. Similarly, the effect of fulfillment (β = 0.3, P<0.05) on customer satisfaction is significant. There is a positive relationship between fulfillment and customer satisfaction in Internet Banking in Vietnam. The hypothesis 2 is supported. The effect of efficiency (β = 0.2, P<0.05) on customer satisfaction is significant. There is a positive relationship between efficiency and customer satisfaction in Internet Banking in Vietnam. The hypothesis 3 is supported. Following, the effect of private/security (β = 0.04, P=0.48) on customer satisfaction is significant. There is a negative relationship between private/security and customer satisfaction in Internet Banking in Vietnam. The hypothesis 4 is not supported. Finally, the effect of website design (β = 0.25, P<0.05) on customer satisfaction is significant. There is a positive relationship between website design and customer satisfaction in Internet Banking in Vietnam. The hypothesis 5 is supported. So, the multiple regression equation for this research was: Y_2 = 0.2237+0.1437 X_1 +0.3 X_2 +0.1929 X_3 +0.0426 X_4 +0.2516 X_5

Table 2 The effects of service quality on customer satisfaction

(CC)	β/Α	t-value	P-value
Intercept	0.2237	1.4055	0.1609
Reliability	0.1437	2.771	0.0059
Fulfillment	0.3	4.8462	0.0000
Efficiency	0.1929	3.0324	0.0026
Private/ Security	0.0426	0.7025	0.4829
Website design	0.2516	3.7058	0.0002

Table 3 Summary the results on proposed hypothesis

	· J · · · · · · · · · · · · · · · · · ·	71			
	H1. Reliability	H2. Fulfillment	H3. Efficiency	H4. Private/	H5. Website
				Security	design
Customer	S	S	S	NS	S
satisfaction					

(Note S: Supported; NS: Not supported)

Table 4 The Effects of service quality on customer satisfaction

	Multiple R	R2	Adjusted R2	F-value	P-value
Reliability					
Fulfillment					
Efficiency	0.802	0.6432	0.637	103.51	0.00**
Private/security					
Website design					

(Note: **P<0.01)

Vol. 5 Issue.4

Table 5 The effects of service quality on customer satisfaction

radio 3 The effects of service equality on eastorner substaction					
	SS	df	MS	F	P-value
Regression analysis	141.05	5	28.21	103.509	0.00
Residual value	78.218	285	0.2725		
Total	219.268				

Table 6 The effects of customer satisfaction on customer loyalty

	Multiple R	R2	Adjusted R2	F-value	P-value
Customer satisfaction	0.8013	0.6421	0.6409	522.2183	0.00**

(Note: **P<0.01)

Besides, Statistical version 10.0 was used to perform linear regression analysis using one-way Analysis of Variance ANOVA test that whether factors of service quality positively influences on customer satisfaction.

Table 5 demonstrates the results from ANOVA one way test. It is easy to observe the significance of this test since at the alpha = 0.05, P-value < 0.05. From these statistical evidences it could be implied that there is a significantly effect of factors of service quality on customer satisfaction.

The table 6 shows the results of effects of customer satisfaction on customer loyalty in Internet banking in Vietnam. Adjusted R2 is the measure of the amount of reduction in the variability of customer loyalty by using the regression variables of factors of service quality in the regression model. The adjusted R- square and multiple R are close to 1 which demonstrates significantly of the estimation of the regression model.

Table 7 The effect of customer satisfaction on customer loyalty

009	β	t-value	P-value
Intercept	0.8263	6.0923	0.00**
Customer satisfaction	0.8062	22.8521	

(Note: **P<0.01)

In table 7 illustrated that the effect of customer satisfaction (β = 0.8263, P<0.05) on customer loyalty. It means that there is a positive relationship between Customer satisfaction and Customer loyalty. So, the hypothesis 6 is supported. So, the linear regression equation for this research was: Y_1 = 0.8263+0.8062 X_6

Table 8 The effects of customer satisfaction on customer loyalty

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	SS	df	MS	F	P-value
Regression analysis	142.5143	1	142.5143	522.2183	0.00
Residual value	79.4144	291	0.2729		
Total	221.9287				

(Note: **P<0.01)

Table 8 demonstrates the results from ANOVA one way test. It is easy to observe the significance of this test since at the alpha = 0.05, P-value < 0.05. From these statistical evidences it could be implied that there is a significantly effect of customer satisfaction on customer loyalty.

Discussions and Conclusions

The study targeted to investigate whether factors of service quality influence on the customer satisfaction and the relationship between customer satisfaction and customer loyalty in Internet Banking in Vietnam. We display the results of statistical and empirical analyses in Table 1, 2, 3, 4, 5, 6, 7, 8 and further

Vol. 5 Issue.4

summarize the following conclusions and suggestions for future studies. The information is summarized in Table 3 displayed that the hypothesis 1, 2, 3, 5 were supported and the hypothesis 4 were rejected. That strongly proved the existence of the reliability, fulfillment, efficiency and website design effect on customer satisfaction. In addition, we also successfully prove customer satisfaction positively influences on customer loyalty. However, rejected proposed hypothesis 4 in this study can be explained by following reasons. According to Lewis and Soureli (2006), defined that trust as "a feeling of security, based primarily on the belief that one party's behavior is guided by favorable intentions towards the best interest of the other" as such on the context of Internet banking in Vietnam, trust is related to risk and insecurity among online customers when they perform financial activities. In Vietnam, customers feel safer to using cash and make directly transaction in bank counters than via Internet, they don't want to solve the error by themselves as well as customers really worried about that their personal and security information was leaked to others. Specially, it is difficult to change the habits of Vietnam customers who are the slowest to adapt to new technology. The overall findings on the factors affecting customer satisfaction with Internet banking services show that customer expectations towards the quality service have an effect on their satisfaction and loyalty. This would mean that emphasizing in service quality, its convenience and ease of transfers between accounts in the same bank or even cross-bank transfers, accurate transaction, free-error and so on has a significant effect on customer satisfaction. A more satisfied customer means a more loyal customer, which eventually flows through to the bank's profit (Reichheld and Sasser, 1990). Combined these are key to operating a successful service business. Using these factors to further develop Internet banking system would not be a waste of resources, since commercial banks would see clearly the factors that would lead to meeting customer needs and thus customer satisfaction.

Recommendations

I suggest keeping researching on Internet Banking in Vietnam so Vietnamese can be habituated on latest technology as well as banks developed day by day. We still wish that the Internet connectivity at each corner of Vietnam and it safely uses everywhere. Besides, working with larger population sample may get more improved results. All of the major banks that are operating in Vietnam should take necessary steps to make Internet Banking more reliable, efficiency as well as more security that will definitely enhance the trust of customers and get higher profits from loyalty customers. More specifically, the items that corresponded to security/private were confidence, safety, the customer authentication, trust and so on. Following these items, the banks are doing their best to make their customers sure that there is free-error relating to security issues. This means banks must effort to keep up to date their security system. In addition, in general, the website attractiveness and website appearance are key factors shaping the customers awareness of company website (Ki-Han, Jae-Ik 2008). Therefore, banks need to constantly improve these items to make customers have more new experiences and attract customers. Last but not least, according to Mundorf and Bryant (2002), there are for items related to this dimension were Userfriendly interface, website accuracy, on-time reaction and Bank's Accurate Response. Therefore, banks need to take advantages from these aspects to consider and develop website that can expand the numbers of users work easily and efficiently with it.

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Vol. 5 Issue.4

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Vol. 5 Issue.4

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