Investigating the Effect of Service Quality on Bank Customers’ Satisfaction in Bangladesh

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Received: August 01, 2020 Revised: September 06, 2020 Accepted: September 12, 2020

Abstract

In this competitive era, it has become a prerequisite for the financial firms providing banking services to understand and meet the customers’ needs and demands to remain competitive in today’s market environment. Without satisfying the customers, banking business cannot stand alone. To satisfy customers, it is often recommended to provide better quality banking services to the bank customers. Providing quality banking services has become a prime strategic tool for the banking sector nowadays. Therefore, the study investigates the effect of various dimensions of service quality of banking service on customer satisfaction in a developing country, Bangladesh. A total of 212 walking Bangladeshi banking customers participated in this research. A structured questionnaire was developed based on past research. SPSS is utilized for analysis and Likert scale was used in this study. Internal consistency of all items was found correct and a total of seven hypotheses were proposed. For testing, a 5% significance level is considered for acceptance of hypothesis. The findings show that, except employee competency, all other variables such as reliability, assurance, tangibles, responsiveness, empathy, and access to service have positive influence on customer satisfaction. The study provides policy implications for the management boards of the banking sectors.

Keywords: Service Quality, Customer Satisfaction, Responsiveness, Reliability, Tangibles

JEL Classification Code: M10, M15, G20

1. Introduction

Customers are the key factor from an organizational point of view. Service quality is a continuous process to meet the customer needs in the best way and it is a key for success in competition. Research has shown that the degree of service quality might trigger business performance by retaining and acquiring customer base (Tran, 2020). Simultaneously, the banking sector has increasingly paid attention to quality of service as well as strived to reach high level of service to satisfy the clients (Titko et al., 2013). Currently, Bangladesh is known to be an emerging developing country (Hossain & Asheq, 2020). The country has been achieving increasing economic growth (Hossain et al., 2019). Simultaneously, Bangladeshi banks have been swiftly progressing day-by-day and the banking sector is facing huge competition. In terms of service quality, scale of development, capital resources, distribution network, and technology, the Bangladeshi banking sector is competing in terms on all these factors that ensure customer satisfaction. The banking sector in Bangladesh is focusing on the role of service quality on customer satisfaction. Indeed, several Bangladeshi banks are not much interested in investing in research to understand and satisfy bank customer needs. But previous marketing studies indicate that providing excellent customer service is the key factor for competitiveness in relation of satisfying bank clients. Previous research findings are treated as a good reference for marketers in the banking sector in the context of customer satisfaction.
Moreover, each bank needs to rely on research to effectively understand service quality and develop service-related effective marketing strategies, as banking is perceived service-based industry. Since, service quality is a crucial variable in affecting customer’s behaviors (Le et al., 2019) and providing quality service is essential for maintaining customer satisfaction (Tabash et al., 2019), thus the goal of this study is to identify service quality dimensions that could be used to quantify customer satisfaction and to assess the effect of service quality dimensions (tangibles, responsiveness, empathy, assurance, reliability, access, financial aspect, and employee competence) on customer satisfaction in the Bangladeshi bank sector. This study endeavors to address this gap in the literature by examining customer satisfaction with service quality in Bangladeshi banks, a developing country context.

2. Literature Review

2.1. Customer Satisfaction

The concept of customer satisfaction has been one of the oldest and widely used terms in marketing literature. Customer satisfaction refers to the customer’s general intention and perception based on their consumption or usage experience of a product or service (Boonlertvanich, 2019). It measures the customer’s acumen and expectation regarding the consumed product or service’s performance and evaluates whether the product or service performance has been able to satisfy customer’s expectation (Sultana & Das, 2016). If the product or service fails to fulfil the customer’s needs or wants, then the customer will remain dissatisfied, and if the service performance is consistent with customer’s expectation, then the customer will be delighted and satisfied (Nguyen et al., 2020).

2.2. Service Quality

Based on a user-based approach, quality relates to satisfaction. The highest quality underlies the greatest satisfaction of consumers’ likings (Yarimoglu, 2014). Service quality as well as customer satisfaction are critical determining factors for organizations in order to gain competitiveness, business development, and growth in the turbulent marketplace (Angelova & Zekiri, 2011). Different explanations of service quality have been advanced by researchers. According to Rauch et al. (2015), to determine an inclusive evaluation of an organization, the management has to associate its performance with its customers’ expectations and evaluate its own performance compared to rival organizations in an identical industry. Researchers decide on the definition of service quality, underling that service delivery can harmonize with, match, or dominate the requirements of shoppers. Service quality recovers customer satisfaction and cost management upsurges profit (Yarimoglu, 2014).

Parasuraman et al. (1991) suggested SERVQUAL is a service quality prototypical to measure the scale of modification between what consumers presume and their perceptions. Parasuraman et al. (1991) suggested ten dimensions of service quality: tangibles, reliability, responsiveness, competence, courtesy, credibility, security, access, communication, and understanding the customer. There has been recently an upsurge in the number of studies observing service quality as an indispensable instrument for banks. Most researchers have reprocessed the aspects of SERVQUAL prototypical so as to capture and recognize the interaction between service quality and customer satisfaction in banks. Service quality in the SERVQUAL prototypical tool comprises five dimensions: reliability, responsiveness, assurance, empathy, and tangibles. These dimensions are reintegrated in service quality aspects, which indicates that there is a inter connection co-existing between the expectations of customers and perception of services (Parasuraman et al., 1991). Yarimoglu (2014) put forth seven dimensions of service quality (i.e., tangibles, responsiveness, empathy, assurance, reliability, access, and employee competence) that might have a controlling impact on customer satisfaction. Therefore, in order to identify each factor’s probable influence on the Bangladeshi bank customer’s delight and satisfaction, the study adopted five dimensions of the SERVQUAL measurement and two other variables to examine the overall effect of service quality on customer satisfaction.

2.3. Reliability

Parasuraman et al. (1985), Parasuraman et al. (1988) and Parasuraman et al. (1994) established that reliability underlies companies’ performance of a service appropriately for the first time. Furthermore, they demonstrate that companies struggle to accomplish promises and pay thoughtfulness to the results. Reliability has been classified as the leading dimension of the SERVQUAL service quality measurement. Study by Lam (2002) measured reliability as a major factor in the dimensions of the service quality prototypical. Baumann et al. (2017) stated that reliability measures the range to which customers may depend on the service assured by the providing business firm. We propose the following hypothesis:

**H1:** Reliability affects customer satisfaction in the Bangladeshi banking sector.
2.4. Assurance

Assurance has been perceived as employees’ courtesy, knowledge, and their capability to allocate assurance as well as trust to customers (Parasuraman et al., 1994). The views on the standing of assurance among service quality dimensions are diverse. Assurance is placed as first service quality dimension by Gronroos (1988), although Parasuraman et al., (1994) placed it in fourth place. Assurance underlies observance customers knowledgeable in their natural language and eavesdropping to them, notwithstanding of their educational level, age, and nationality. Parasuraman et al., (1994) stated that assurance designates the attitudes of the employees and their behavior, and the staff’s skill to deliver approachable, trustworthy, well-mannered, as well as competent services. Pakurár et al., (2019) found a positive link between banking customer satisfaction and assurance dimension. Therefore, the following hypothesis is propose:

H2: Assurance affects customer satisfaction in the Bangladeshi banking sector.

2.5. Responsiveness

Parasuraman et al., (1994) emphasized that the responsiveness of enthusiastic employees encompasses the practice of telling customers accurately when possessions will be completed, generous them unbroken attention, encouraging services, and answering in accord with their requests. Responsiveness was considered the third dimension in SERVQUAL prototypical. The readiness of employees to deliver the mandatory service at any time lacking any problem will have an influence on customer satisfaction (Lau et al., 2013). Thus, we propose the following hypothesis:

H3: Responsiveness affects customer satisfaction in the Bangladeshi banking sector.

2.6. Tangibles

Parasuraman et al. (1985), Parasuraman et al. (1988) and Parasuraman et al. (1994) classify tangibles as physical amenities (equipment, personnel, as well as communications resources). It is the physical copy of the service that customers will use to evaluate quality. Tangibles are related to the physical amenities, tools, and machines recycled in order to deliver the service, and illustrations of the services, such as statements, cards (debit and credit), speed, and efficiency of transactions. Parasuraman et al. (1988) specified that tangibles have the same prominence as empathy. Sultana and Das (2016) considers tangibles as a similar component, showing relevance across various cultures. In the healthcare sector, tangibles aspect has a significant effect on patients’ behavioral belief (Lee, 2017). In the banking sector, there is evidence that there is an important impact of tangibility on customer satisfaction (Sanjuq, 2014). Hence, the following hypothesis is proposed:

H4: Tangibles affects customer satisfaction in the Bangladeshi banking sector.

2.7. Empathy

Customers need to have the impression that they are important for the company delivering services. Empathy underlies consideration, paying personal attention, as well as delivering services to customers (Parasuraman et al., 1994). The essence of empathy is assigning the feeling that the customer is exclusive and distinct. Parasuraman et al. (1994) point out that quantitative research that have acknowledged service quality prototypical dimensions have charity safety, trustworthiness, as well as contact to extent empathy. Potluri et al. (2016) described empathy as the capability to take care of customers and encompass devotion to them independently, particularly while giving services. Thus, we proposed the following hypothesis:

H5: Empathy affects customer satisfaction in the Bangladeshi banking sector.

2.8. Access to Service

Yarimoglu (2014) describes access as accessibility and affluence of contact. The service is effortlessly reachable by telephone, the waiting time to receive the service is not long, and there are suitable hours of operation, as well as the service capacity is in a suitable location. Access underlies the ease as well as suitability with which customers can use the services that banks offers. Accessibility and ease of contact are the two most significant essentials of approachability. Research has shown that better approachability to services results in improved customer satisfaction (Flavian et al., 2004). As per most effective dimensions of service image, availability of services may have an important or unintended impact on a bank’s customer satisfaction as well as loyalty (Ladhari et al., 2011). Hence, the following hypothesis is proposed:

H6: Access to service affects customer satisfaction in the Bangladeshi banking sector.
2.9. Employee Competence

An ideal service is the result of numerous combined factors associated to separate service, employee competence as well as organizational strategies that uniform suitable skills. Human competency is one of the utmost collective areas complicated in the management of people at work (Omotayo et al., 2014). It is actually problematic to appreciate life without productive work, as well as positive or negative responses whereas these responses express just how satisfied or dissatisfied one is with one’s work. Haddad (2017) expresses that competences comprise of knowledge, skills, abilities, values, motivation, initiative, and self-control. Research argued that employee competence has a strong direct influence on customer satisfaction (Jianu et al., 2016). Hence, we propose the following hypothesis:

**H7:** Employee competences effect customer satisfaction in the Bangladeshi banking sector.

3. Methodology

In this study, the sample population is the banking customers in Bangladesh who used different private banks. For sampling purpose, random sampling technique was applied in this research, which was a non-probability approach. A survey questionnaire was distributed among those banking customers at different bank branch locations in Bangladesh. To collect the sample data, a team of eight MBA students was trained and they visited various bank branches for surveying the customers. On a periodic basis, the authors of this study also accompanied the survey team to monitor the data collection process. The total sample size of this study is 212. The survey form has two parts; the first part collects demographic information of the customers and the second part is based on the variables with a Likert scale questionnaire. The study used a 5-point Likert scale, where ‘1’ is ‘strong disagree’ and ‘5’ is ‘strong agree’. The survey questionnaire was developed based on previous literature, which is given below (Table 1):

| Name of Study Variable | Referral Study |
|------------------------|----------------|
| Customer Satisfaction  | Jahan, Ali and Asheq (2020) |
| Reliability            | Pakurár et al (2019) |
| Responsiveness         |                |
| Empathy                |                |
| Assurance              |                |
| Tangibles              |                |
| Access to Service      |                |
| Employee Competencies  |                |

Table 1: Referral Researches for Developing Survey Questionnaire

For reliability purpose of all variables in the study, Cronbach’s Alpha (α) value is considered and all the (α) values were found as reliable for all variables (Table 2). The study has also applied SPSS version 23.0 for statistical analysis and testing the hypotheses for better outcome. Then, the relevant statistical analysis was performed.

4. Results and Discussion

The study collected data from walking customers of various bank branches in Bangladesh. Table 3 represents the descriptive statistics of the respondents. It can be seen that the majority of the respondents were male customers (64%) and 72 respondents were female (34%). In terms of age, almost half of the respondents were aged between 31 and 40 (48%), whereas 55 respondents were aged between 41 and 50 (26%). As for the educational level, the majority of the respondents had at least honors or a bachelor’s degree, 52 (24.5%) respondents had only a diploma or other certificate degree, while 28 respondents had education up to higher secondary level (13.2%). In terms of using banking service, it is found that 125 customers (58.9%) had been using banking services from 1 to 5 years, 51 customers (24%) had been using them for 0 to 1 years, and 28 customers (13.2%) for 6 to 10 years.

To test the hypotheses, regression analysis was applied (Table 4). The regression model showed 35.4% variance in understanding the customer satisfaction of Bangladeshi bank customers by the dependent variables. Table 4 reveals that, except employee competency, reliability (H1), assurance (H2), responsiveness (H3), tangibles (H4), empathy (H5) and access to service (H6) were found to be significant predictors of banking customers’ satisfaction in Bangladesh at 5% significance level. In the research, seven dimensions of service quality measures positively affect the banking customers’ level of satisfaction; this finding is consistent with past research. It does imply that higher degree of quality service will necessarily bring more satisfied customers to the
banking or business firms. In this research, H1 is accepted, meaning that banking services need to be more reliable for the customers so that they will be satisfied and again come back to the bank.

H2 is also accepted, which reveals that banks need to provide well presented, trusted, and assured services to the clients to satisfy them. Responsiveness is conceived as a positive indicator of customer satisfaction as H3 is accepted. It implies that banking services have to be more responsive and bank employees are encouraged to pay more attention to customer’s needs. Tangibles is found as significant predictor of banking customer satisfaction as H4 is accepted ($p > 0.05$).

The result is consistent with other research (Sultana & Das, 2016). H5 is found as acceptable at 5% significance degree, which means that empathy is a significant determinant of banking customer satisfaction. It implies that banking services provided to individuals need to be sincere and empathetic toward the bank clients. Access to service (H6) is also a significant variable of customer satisfaction in the Bangladeshi banking sector and the result is agrees with other studies (Pakurár et al., 2019). It does imply that banks need to provide uninterrupted banking services to the customers to satisfy them. Employee competence is found as an insignificant factor customer satisfaction in the banking industry. Perhaps, the bank clients and other customers are more focused on the banking transaction in real-time rather than the competency level of bank employees.

5. Conclusions

To retain an excellent service as well as to progress with a better-integrated system, it is important for the business organizations to appreciate the attitudes of the customer. Development of a tool to measure the satisfaction of customers is crucial for the banking service industry, especially in a developing country like Bangladesh. Essentially, service quality consists of seven dimensions: tangibles, responsiveness, empathy, assurance, reliability, access, and employee competence. The studies resulted in four sub-scales that can be pragmatic as suitable managerial measuring scales for customer satisfaction.

On the basis of this research, it is suggested that the following aspects be pragmatic for the dimension of customer satisfaction in the area inquired: professional features, caring, financial aspect, and tangibility. Also, for better and advanced service quality, bank management could adopt updated technological gateways such as mobile banking service (Akhter et al., 2020). The Bangladeshi banking system needs to provide secured banking facilities to the customers. However, banks need to be more radical concerning interrelating, accessing, and online consultancy.

| Table 3: Descriptive Statistics |
|---------------------------------|
| **Description** | **Frequency** | **Percent** |
| Gender | | |
| Male | 140 | 64.1 |
| Female | 72 | 33.9 |
| Age | | |
| 21 to 30 years | 42 | 19.8 |
| 31 to 40 years | 102 | 48.1 |
| 41 to 50 years | 55 | 25.9 |
| More than 50 years | 13 | 6.2 |
| Educational Level | | |
| Up to Higher Secondary | 28 | 13.2 |
| Bachelor/Honors degree | 92 | 43.4 |
| Master/MBA | 40 | 18.9 |
| Diploma/others | 52 | 24.5 |
| Length of using banking service | | |
| 0 to 1 years | 51 | 24.1 |
| 1 to 5 years | 125 | 58.9 |
| 6 to 10 years | 28 | 13.2 |
| More than 10 years | 8 | 3.8 |

| Table 4: Regression Analysis |
|-------------------------------|
| **Beta-value** | **t-value** | **Sig.** | **Tolerance** | **VIF** | **Status** |
| Reliability | 0.172 | 2.704 | 0.007 | 0.877 | 1.140 | Accepted |
| Responsiveness | 0.138 | 2.060 | 0.041 | 0.788 | 1.268 | Accepted |
| Empathy | 0.335 | 4.414 | 0.000 | 0.320 | 3.121 | Accepted |
| Assurance | 0.210 | 3.239 | 0.001 | 0.839 | 1.911 | Accepted |
| Tangibles | 0.162 | 2.249 | 0.026 | 0.837 | 1.195 | Accepted |
| Access to Service | 0.176 | 2.496 | 0.013 | 0.678 | 1.474 | Accepted |
| Employee Competencies | 0.165 | 0.870 | 0.368 | 0.708 | 1.412 | Rejected |

R² = 0.354, Durbin Watson value = 2.160
with customers to expand service quality in the future. Finally, banks need to invest in improvement to the quality of amenities, machinery and technologies to familiarize themselves with to the expansion of smartphone, laptop, Internet, and social network to maximize the productivity of the physical facilities, machinery, technologies of the bank in serving customers.

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