BANK SERVICE QUALITY PERCEPTIONS OF BUSINESS CUSTOMERS: PRIORITIES FOR BANKS IN RESOURCE ALLOCATIONS IN AN E-BANKING CONTEXT

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ABSTRACT

maintain high perceived service quality. recommendations on how banks should prioritise the perceived performance of banking services. Quadrant analysis was used to analyse these It was found that large discrepancies exist between customer expectations and their usefulness of this scale, and the results from this research are compared to past research. research. scale for measuring service quality that has been in use for 20 years is employed in this banking sector amid the changes brought about by electronic banking. This research provides a review of how service quality perceptions have evolved in the order to be able to divert more of their customers to these low cost methods of banking. these benefits, banks must be successful in providing high levels of service quality in more competitive through decreasing costs and broadening market reach. where the emergence of electronic banking brings with it a new avenue for banks to be and its customers. To deal with such a situation, organisations need to review the service methods of doing business and a redefinition of the relationship between an organisation quality The onset of electronic commerce as a major tool of business has brought with it new expectations of their customers and how the performance of their services du Factor analysis across these the expectations. five of the results reconfirms the robustness and continued dimensions This is particularly relevant in the banking sector, of service quality allocation of and produced specific their resources The SERVQUAL To realise

INTRODUCTION

phenomenon will continue to evolve and change the way business is done. (EDI) to the use of the Internet for transactional purposes, it seems that this technological advancement for businesses. Electronic commerce (e-commerce) From the implementation īs fast becoming a of electronic data interchange very important technological Many

industry sectors have experienced tremendous growth in recent years as a result of new business initiatives utilising these technologies

projections in e-commerce for various major industry sectors and found that industries are expected to experience the highest growths in e-commerce. that are information-oriented such as the banking services and securities trading sector Forrester Report (Forrester Research 2000) has estimated conservative growth

E-Commerce in the Banking Sector

by banks (DOCITA 1998, 1999). these types of services to their customers is somewhat lagging behind the utilization rate electronic banking services (Orr 1998). consolidation, and an increasing focus on costs. One offspring of this has been the rapid development and use of various new and innovative technologies by banks in the form of deregulation The changes and occurring in the banking sector, as part of a context of increasing globalization have been a major stimulus for rationalization, Evidence suggests, however, that the diffusion of

through the achievement of higher sales volume (Schaggnit 1998; SBDC 1998a & 1998b; performance, or otherwise enabling the bank to more fully realise its sales potential Hoffman & Novak 1995; Anthes 1994; Shneiderman 1992). customer satisfaction through the reduction of waiting times and thus improving service provides The implementation of electronic banking (e-banking), such as Internet banking and the of computer-based office banking software hold several obvious advantages global reach, adds another communication and feedback channel, increases improves costs, the bank's profit levels through the reduction of both variable and provides 52 source of differentiation and competitive advantage,

businesses, into implementing e-banking into their business processes. undertake high levels of marketing effort in the bid to push more customers, in particular As can be appreciated, the advantages to banks are manifold, and have led many banks

Diversion of Bank Customers from Traditional Banking Channels to E-Banking Channels

than 2003, The Mercury 10/04/2003). performance' program, which may result in loss of bonuses or even their jobs (Denholm pose as customers and assess the performance of staff. action if they do not adhere to a set selling script with every customer. remarkably issued on the same day, The Mercury reports that CBA staff risk disciplinary 2003, The Australian Financial Review 10/04/2003). At the same time, in another article challenge for banks, and that they believe that new technology in banking channels taken by banks regarding the use and marketing of e-banking. In recent years, newspapers have been littered with reports about the strategic approach (CBA), for example, has already invested heavily in the bank's retail technology (Whyte Australian Financial Review reports that improved service at lower cost is the 95% in these assessments are placed on the bank's 'managing unacceptable products critical part in achieving this result. The to each customer, and these rules are policed by mystery shoppers, who Commonwealth Bank of Australia Staffs who receive a score of less For example, Staff must offer

possible and at every opportunity. taking drastic actions to cross-sell these banking innovations to as many customers banking channels to electronic banking channels, it is understandable then that banks Considering the many cost advantages of e-banking to banks, and that optimal will only be realised by diverting more of their customers from as

Significance of Reviewing Service Quality in the E-Banking Context

evidence from exploratory interviews with business managers in this research has shown customer has of sustaining and enhancing relationships with their customers over time (McKenna (1992) who proposes that marketers need to devise strategies with the primary objective to the views of many authors of relationship marketing, such as presented by McKenna This current strategic approach undertaken by banks, however, may be seen as contrary A pertinent question therefore, is what impact the adoption of e-banking by the on sustaining and enhancing the bank-customer relationship. indeed,

service quality businesses beg the question whether the innovation will indeed provide the said benefits implementation of the technology. traditional records, and performing traditional banking tasks that result in less than full efficiencies created by e-banking, many businesses are still keeping implemented in ways that do not fully realize its benefits to these businesses. that the procedures for e-banking in businesses have been somewhat haphazardly businesses, and what impact it may have on the customer's perception of the bank's These haphazard approaches to e-banking by duplicative Despite the

important key in understanding the take-up rate of e-banking technologies when they are customers (Rao & Kelkar 1997). Reviewing service quality perceptions is thus also an customers as well as more successful in cross selling products and services to being cross-sold by banks continually increase service quality have shown to be more successful in retaining repeat 1994; Fornell 1992; Halstead & Page 1992; Cardozo 1965). Organisations that strive to in turn affects behavioural intentions (Gotlieb, Grewal & Brown 1994; Taylor & Baker Moreover, it has been shown that service quality affects satisfaction and that satisfaction

context by providing a review of how service quality perceptions customers corresponding changes in the nature This research takes the first step of assessing the role of service quality in the e-banking current and continuing barrage of change of the relationship between banks and their in banking technology have evolved through

THEORETICAL FRAMEWORK

issues may have received (Gronroos 1984). Gronroos (1984) further suggests that service quality process where customers compare their expectations with the service they perceive to quality (how it is done). Service quality is defined as a set of perceived judgements resulting from an evaluation be split into two facets - technical quality (what is done) and functional These two facets may be further interpreted to suggest that the

customer as well as executing the service efficiently (doing things right). service must be effective (doing the right things) in satisfying the specific needs of the

of service improves (Rao & Kelkar 1997; Parasuraman, Zeithaml & Berry 1988). context of banking and financial services where recent service developments, particularly influence on the expectations of the consumer. previous experience increase in customer expectations and the consumer's subsequent demands as the quality with respect to the electronic delivery of these services, have resulted in a continuous importance of measuring consumer expectations is paramount especially in with the service, word-of-mouth, or advertising will have an

of their importance as follows (Berry & Parasuraman 1991): SERVQUAL that highlights the main requirements for delivering high service These researchers found five dimensions of service quality. These are presented in order Zeithaml and Berry (1985)formulated 83 service quality quality. model

- Reliability: the ability to perform the promised service dependably and accurately.
- N Responsiveness: the willingness to help customers and to provide prompt service.
- ယ Assurance: the knowledge and courtesy of employees and their ability to convey trust and confidence.
- 4. Empathy: the provision of caring, individualised attention to customers
- Ġ Tangibles: communication materials the appearance of physical facilities, equipment, personnel, and

Staelin (1993), and will be the approach used in this research supported by other researchers such as Devlin and Dong (1994), and Boulding, Kalra and between the perceptions of service performance and expectations for Perceived service quality is thus measured from the differences in degree and direction dimensions (Parasuraman, Zeithaml & Berry 1988). This view has been strongly each of

Service Quality and Satisfaction

satisfied. If the performance just matches expectations, the consumer's expectations are confirmed, and the consumer is just satisfied exceeds the expectations, positive disconfirmation occurs, and the consumer is highly disconfirmation occurs, resulting in a feeling of dissatisfaction. relation to his or her expectations. If the performance falls short of expectations, negative satisfaction results central theme of the process definition is the expectancy disconfirmation paradigm satisfaction is more wide spread and generally more accepted in academic circles. as-states framework developed by Oliver (1989). connected to reinforcement and arousal. Several examples are given in the satisfactionof specific goods and services (Westbrook 1981). The literature on satisfaction is divided consumer's emotional evaluation of their experiences with the consumption or ownership competitiveness (Hennig-Thurau & Alexander 1997). Customer satisfaction refers to the Customer satisfaction is often seen as the long-term success factor to an organization's definitions Bloemer 1999). of. from comparing a product or service's perceived performance of thought satisfaction can be According to this paradigm, a consumer's feeling of the process and outcome viewed as Literature on process definitions of ы state definitions of satisfaction. of If the performance fulfilment that

satisfaction) Rosenberg & Akerele 1974). related to various aspect of dealing with the organisation providing the product or service, consumption experiences with the product or service over time (Anderson, Fornell & companies). Lehmann 1994). This set of experiences is multi-faceted and includes experiences Cumulative satisfaction is an overall evaluation based on the consumer's well as the experiences related to consuming these products or services (Czepiel, and Crosby and Examples are given by Westbrook (1981) (retail store Stephens (1987) (satisfaction with life

Highly satisfied consumers are found to be much less ready to switch as high satisfaction It is undoubtedly the aim of many organizations to achieve high customer satisfaction.

high customer loyalty. creates an emotional bond with the brand, and not just a rational preference. The result is

how satisfied they are with it, while quality can be perceived without actual consumption also suggested that customers require experience with the product or service to determine satisfied with a service still did not think that it was of high quality. Oliver (1993) has experience. Parasuraman, Zeithaml and Berry (1985) have found several examples where consumers & Taylor 1992; Bolton & Drew 1991; Bitner 1990). Indeed, empirical research by satisfaction is more of a transaction-specific measure (Chadee & Mattsson 1996; Cronin service quality is a form of attitude and is a long run overall evaluation, where customer Zeithaml & Berry 1988). have pointed out are not necessarily equivalent (Bolton & Drew 1991; Parasuraman, expectations and performance. They are thus very strongly related, but as several authors Both service quality and satisfaction are constructs resulting from the comparison of The difference between these two constructs, is that perceived

products and services to these customers (Rao & Kelkar 1997). successful in retaining repeat customers as well as more successful in cross selling important one in this research. It has been shown that service quality affects satisfaction Organisations that strive to continually increase service quality have shown to be more Despite these differences, the link between service quality and satisfaction that satisfaction in turn affects behavioural intentions (Gotlieb, Grewal & Taylor & Baker 1994; Fornell 1992; Halstead & Page 1992; Brown

METHODOLOGY

measuring consumer expectations is paramount especially in the context of banking and service's perceived performance in relation to his or her expectations. The importance of 1999), where a consumer's feeling of satisfaction results from comparing a product or satisfaction theory using the expectancy disconfirmation paradigm (Ruyter & Bloemer Perceived service quality measured in this research will follow the process definition of

expectations of the consumer (Parasuraman, Zeithaml & Berry 1988; Rao & Kelkar 1997). Any previous experience expectations and the consumer's subsequent demands as the quality of service improves electronic delivery of these services, have resulted in a continuous increase in customer financial services where recent service developments, particularly with respect to the word-of-mouth, or advertising will have an influence

recoded to form a set of unidirectional statements that can then be compared with each aspects of service quality, nine items were negative statements, which were subsequently Disagree) to 6 (Strongly Agree). Of the 22 items in the scale, each assessing the different expectations for each of these dimensions (Parasuraman, Zeithaml & Berry 1988). other based on their means Expectations and perceptions were measured on a 7-point scale from 0 (Strongly differences in degree and direction between the perceptions of service performance and Tangibles. Perceived service quality in this research is thus to be measured from service quality; identified as Reliability, Responsiveness, 1991), the same scales will be used in this research measuring the five dimensions of scale was specifically developed for the financial services industry (Berry & Parasuraman Berry 1985), and since Berry and Parasuraman's development of their service quality Zeithaml and Berry's service quality model SERVQUAL (Parasuraman, Zeithaml & Operationalisation of the service quality construct will be based on Parasuraman, Assurance, Empathy,

the aforementioned research and this research. Using the SERVQUAL scale without any alterations will allow a direct examination of service quality perceptions have changed in the 20 years that have passed between

Data Collection

pre-notification procedure yielded an overall response rate of 30.6% Dun and Bradstreet for use as a sampling frame for a mail survey. An Australia-wide database of 2,500 business names and addresses was purchased The use of a 4 stage

up over half of this segment with 18.9% of the market. \$1M and \$3M, representing 36.5% of the total market. turnover. the proportion of different types of business based on their main activity and annual A broad range of businesses from various industry groups was surveyed. Table 1 shows The largest segment of the market is businesses with sales turnover between Service based businesses make

of the market. \$10M are predominantly publicly or government owned, and collectively constitute 9.9% turnover of between \$5M to \$10M) and corporations with sales turnover of greater than \$3M; this group representing 44.2% of the overall market. businesses, a large proportion are small businesses that have sales turnover of less than market segment, comprising 59.9% of the market. Of these family owned and controlled annual turnover. Businesses that are family owned and controlled are by far the largest Table 2 shows the distribution of business according to their ownership structure and Large businesses (sales

Table 1: Types of Businesses Surveyed based on their Main Activity and Annual Turnover

				8	Business: Annual turnover	ual turnover			
			Under 500K	500K - 1M	1M-3M	3M - 5M	Mor - M6	10M +	Total
Business;	Retail	% within Business:	80%	0.6%	70.57		18 0%	10 200	100.0%
Main activity		Main activity	0.0%	9,076	48.2%	8.4%	16.9%	70,8%	%0.DDT
		% of Total	.9%	1.4%	7.0%	1.2%	2.4%	1.6%	14.5%
	Service	% within Business; Main activity	19.0%	15.0%	33.6%	8.1%	11.5%	12.8%	100,0%
		% of Total	10.7%	8.4%	18,9%	4.5%	5.5%	7.2%	56.1%
	Manufacturing	% within Business; Main activity	15.5%	16.7%	36.3%	9.5%	8.9%	13.1%	100,0%
		% of Total	4.5%	4.9%	10,7%	2.8%	2.6%	3.8%	29.4%
Total		% within Business: Main activity	16.1%	14.7%	36,5%	8.6%	11.5%	12.6%	100.0%
		% of Total	16.1%	14.7%	36.5%	8.6%	11.5%	12.6%	100.0%

Table 2: Types of Businesses Surveyed based on their Ownership Structure and Annual Turnover

				B,	Business: Annual tumover	ual tumover			
			Under 500K	Inder 500K 500K - 1M -1M - 3M	WE-MI		5M - 10M	10M+	Total
Business:	Family owned and	% within Business:	18.3%	16.6%	38,9%		10.1%	5.6%	100.0%
9		er all the second second second							
catagory		% of Total	11.0%	9.9%	23.3%	6.2%	6.1%	3.4%	59.9%
	Unlisted public company	% within Business: Organizational catagory	8.8%	9.9%	40.7%	8.8%	18.7%	13.2%	100.0%
		% of Total	1.3%	1.5%	6.2%	1.3%	2.9%	2.0%	15.3%
	Listed public company	% within Business: Organizational catagory	19.2%	11.5%	21.2%	7.7%	5.8%	34.6%	100,0%
		% of Total	1.7%	1.0%	1,9%	.7%	.5%	3.0%	8.8%
	Government/semi gov. enterprise	% within Business: Organizational catagory			18.2%		36.4%	45,5%	100.0%
		% of Total			.3%		.7%	.8%	1,9%
	Other	% within Business: Organizational catagory	11.9%	16.7%	32.1%	4.8%	9.5%	25.0%	100.0%
		% of Total	1.7%	2.4%	4.6%	.7%	1.3%	3,5%	14.2%
Total		% within Business: Organizational catagory	15.7%	14.8%	36.3%	8.9%	11.5%	12.8%	100.0%
		% of Total	15.7%	14.8%	36 3%	8.9%	11 5%	12.8%	100.0%

RESULTS AND DISCUSSION

compare against Berry and Parasuraman's (1991) dimensions found previously in their the main dimensions of service quality in this research, which can then be used to Factor analysis was undertaken on the 22 items in the service quality scale to determine research.

A total of 66.7% of the variances is captured collectively by the five factors this item to the Assurance dimension as per Berry and Parasuraman's previous findings. decided that for the purposes of comparing these results to that of past research, to load shown to belong to the Reliability dimension with a loading of 0.450. However, it was originally found by Berry and Parasuraman (1991). In this research, the said item was ("Adequate support for employees") was loaded to a different dimension than was the 22 items yielded five factors, which are summarized in Table 3. The final statistics and the rotated factor matrix (after subjecting to Varimax rotation) of Only one item

employees") that was reallocated from the overall score for each dimension of service quality. The item ("Adequate support for measure the underlying dimension are reliable, and thus may be added together to give an Cronbach's Alpha was used to test the extent to which the various items purporting to Reliability dimension to the Assurance

respectively, thus confirming its high reliability in belonging to this dimension. dimension dimension as described above, still brought about a very high alpha for the Assurance α =0.824 and α =0.782 for the expectations and perceptions scales

to be performing best in terms of Tangibles and Assurance. were the top two dimensions businesses expected from the bank, while banks were seen graphically in Figure 1. The data shows how businesses rated what they expected and what they perceived in terms of the five service dimensions. Reliability and Assurance The mean scores for each dimension are also indicated in Table 3 as well as illustrated

Table 3: Factor Analysis: Expectations and Perceptions of Service Quality in Banking Services

Rotated Component Matrix (Rsg=66.7%)	{sg=66.7%)		a. Expectations	tations	b. Perceptions	eptions
Factor	Items	Loadings	Alpha	Mean	Alpha	Mean
	Keeping timely promises	0.853				
	Keeping promises	0.794				
Reliability	Dependable	0.773	0.767	5.709	0.890	4.000
	Sympathetic and reassuring	0.657				
	Accurate records	0.558				
	Individual attention	0.783				
	Employees knowledge of cust. needs	0.779				
Empathy	Customer's best interest at heart	0.769	0.743	4.673	0.860	3.082
	Personal attention	0.758				
	Convenient operating hours	0.483				
	Physical facilities appealing	0.851				
Tangibles	Physical facilities appearance	0.813	200	700	0	3
i i	Employees well dressed and neat	0.729	0.000	4.730	0,0	4.393
	Up-to-date equipment	0.630				
	Employees willing to help	0.806				
Responsiveness	Prompt service	0.749	217	Š	700	ا ا ا ا
	Prompt response to requests	0.724	2	300.4	0.733	0.04
	Timing of services	0.399				
	Employees trustworthy	0.848				
Assirance	Feel safe in transactions	0.814	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5 11 20 11	700	
i waar cii ico	Employees polite	0.606	0.024	0,520	707.0	4.413
	Adequate support for employees#	0.251#				
Extraction Method: Principal Component Analysis.	Component Analysis. Rotation Method: Varimax with Kaiser Normalization	h Kaiser No	malization.			
a Rotation converged in 6 iterations	•					
# Originally belonging to Relia	# Originally belonging to Reliability with a loading of 0.450 but decided to load to Assurance as per Parasuraman et al (1991) due to high airly	ssurance as	per Parasu	aman et al	(1991) due	to high alo

Parasuraman et al (1991) due to high alp

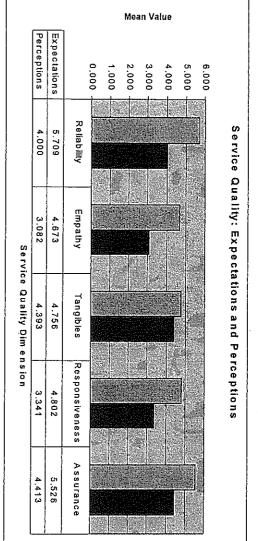


Figure 1: Service Quality: Expectations and Perceptions

Comparing Service Quality Dimensions with Past Research

into how the relative importance of these dimensions to customers have changed through past research, namely that of Berry and Parasuraman (1991) is useful in gaining insights Comparing the results from the service quality dimensions from this research to that of

the change is only by one rank. has moved down a rank, while Tangibles has moved up a rank. service quality for the customer. Responsiveness has moved down to 3rd place while dimensions to the customer. Reliability remains to be the top most important aspect of brought little change with regards to the relative importance of these service quality compared to that of Berry and Parasuraman's original research. It is seen that time has Assurance has moved up to 2nd place in terms of importance rank. Table 4 shows how the expectation ranking of the five service quality dimensions In each of these shifts, Similarly, Empathy

research, however, shows much larger discrepancies. For the top two expectations, only seem to be overrated Assurance is perceived to be doing well, while in the bottom two expectations, Tangibles Comparing the perceived performance ranking with the expectations ranking of this

Table 4: Comparing Service Quality Dimensions with Past Research (By Rank)

	Berry & Parasuraman (1991)	This Research	search
Service Quality Dimension	Importance Rank	Expectations Rank	Perceived Perf. Rank
Reliability	James	1	3
Responsiveness	2	3	4
Assurance	ω	2	,_
Empathy	4	5	5
Tangibles	5	4	2

quality dimensions in the next section. performance on these dimensions. Quadrant analysis will be performed on these service corresponding implications on the bank's resource allocation strategy to improve its which will have implications on how banks are fairing on each dimension, and hence quadrant analysis will be more useful to examine the size of these service quality gaps, gaps (or the size of the expectation - perception discrepancy). Other tools such as merely by rank, however, is inadequate to highlight the true size of these service quality Comparing the differences in service quality expectations and perceived performances

Quadrant Analysis of Service Quality Dimensions

dimensions in Figure 2. rating scale Quadrant analysis can be seen as a variation of cross tabulation where responses to two variables are plotted graphically. This is shown for the service quality

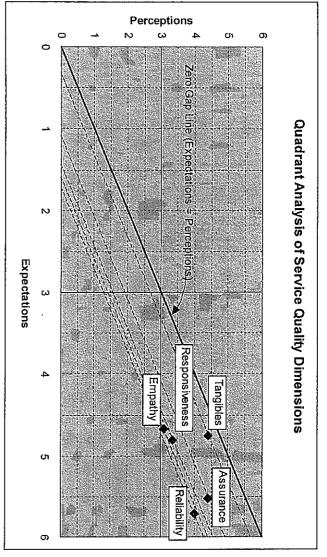


Figure 2: Quadrant Analysis of Service Quality Dimensions

perceptions of the bank's performance and are hence satisfied with the service. expectations indicating that the customer is dissatisfied with the service or delighted customers, while points below the line is where perceptions fall short of above the zero gap line is where perceptions exceed expectations indicating very satisfied quality gap is 0, indicating that customers rated their expectations similarly to their each of the points where expectations equal perceptions. along the vertical axis. The Zero Gap Line is shown passing through the origin (0,0), and Here, expectations are plotted along the horizontal axis, while perceptions are plotted This line is where the service **Points**

more importantly how far the point is below the zero gap line. quadrant the points lie or whether the point is above or below the zero gap line, but rather upper right hand quadrant in the matrix. H the case at hand, it is shown that all five service quality dimensions fall within the for all dimensions, perceptions fall short of expectations (all points are below the gap line). It has become imperative then not so much to judge More detailed examination, however, indicate within which

biggest (most dissatisfied). the size of their corresponding service quality gaps from smallest (least dissatisfied) to Results from this analysis then bring about an indication of the service quality gaps that exist for each of these five dimensions. These five dimensions are listed again in order of

l. Tangibles (Smallest Service Quality Gap)

Assurance

۷

Responsiveness

۷

4. Empathy

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Reliability (Biggest Service Quality Gap)

(empathy), and dependability and accuracy (reliability). relatively poorer in providing prompt service (responsiveness), individualised attention (tangibles), and in building trust and confidence with their customers (assurance), while that banks are performing relatively well in terms of their appearances

which of these gaps need to be given attention first, and how much attention bank's resource allocation in dealing with these levels of satisfaction or dissatisfaction -Measuring the size of the service quality gaps is important in determining how satisfied dissatisfied customers are with the bank's service. The question now arises on the

smallest gaps should be given a lower priority and allocation of resources most attention of resources in order to close the gap, while the dimensions with the The simple notion is to prioritise resources according to the size of each service quality That is, that the dimensions with the largest service quality gaps should gain the

relatively low, that dimension should not receive more attention than another dimension service quality - how important that gap is to the customer. This however is a fallacy as it neglects to analyse the most important aspect of service dimension, but if the overall magnitude It may be that a large gap exists for a of the customer's expectations

with more fervently by the bank than the former case with the same gap but has a higher customer expectation. The latter case should be dealt

matrix with these means as the dividing lines between quadrants in the matrix account for the differences in magnitude of expectations for the five dimensions of quality, it is necessary to first calculate the mean ratings across the five service quality dimensions and replot the quadrant analysis for expectations and

priorities respectively expectation but higher than average perception. a lower than average perception, while quadrant four (Q4) indicate a lower than average allocations needed to further minimise or close the gap and to maintain or improve Points in this quadrant have a higher than average expectation, but also have a higher quality gap. The second priority would be the points that lie within quadrant two (Q2). Points in Q1 should receive the most attention in closing or minimising the expectation of the service and a lower than average perception of the same service. than average all five dimensions. dimension plotted using its difference from the mean expectations and perceptions across resulting quadrant analysis shown in Figure 3 perception. These points should receive second priority in resource Quadrant three (Q3) indicates a lower than average expectation with also Points in quadrant one (Q1) would indicate a higher than average They should receive third and fourth now shows each service quality

from Figure 2) further accentuates its needed attention from customers, and its relatively larger service quality gap (as found in the first analysis important gap to close. high expectation by customers for the bank to perform well in this dimension makes it an a relatively small service quality gap (as found in the first analysis from Figure receive the highest priority and most attention from the banks. These two dimensions of service quality - namely Reliability and Assurance, should analysis, we note that there are no points within Q1, but two points within Q2. Reliability of the banking service also holds a high expectation Despite Assurance

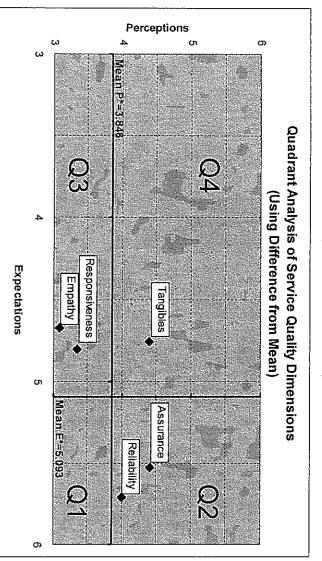


Figure 3: Quadrant Analysis of Service Quality Dimensions (Using Difference from Mean)

lower than average expectations dimensions in Q2 described earlier. Responsiveness and empathy are the next dimensions to be dealt with that fall in dimensions should receive They have moderately large service quality gaps, but lower priority in resource allocation than the

than average lower than average customer expectations, while being perceived as performing higher where despite still having a small service quality gap, this dimension is characterised by Tangibles should receive the lowest priority in resource allocation as it falls within Q4,

commerce innovations like e-banking; thus realising the cost advantages for the bank. resources and effort to close the large service quality gaps in Reliability and Assurance so programs for products such as e-banking. allocation of scarce resources, as well as at the tactical level in devising marketing It is important for banks to keep these priorities in mind both at the strategic level in the to maintain high levels of customer satisfaction. act to increase the effectiveness of marketing effort to increase the adoption of e-The challenge is for banks to allocate more High customer satisfaction will in

CONCLUSION

evolved amid the challenges faced by the banking sector brought about by the dimensions of service quality and their importance to the customer advancement of e-commerce. The results of this study have provided a review of how service quality perceptions have As discussed, little has changed with regard to the various

Responsiveness and Empathy as their second priority, and lastly Tangibles as their third specifically, banks resources to focus on key service quality dimensions critical to the customer priority. Reliability customers. The quadrant analysis performed proposed that banks need to prioritise their customer expectations. The results show, however, that the performance of banking services is misaligned to and Assurance should This misalignment is the source of dissatisfaction among focus dimensions of on improving their service performance service quality as their priority, on the

should look to examine the exact role service quality plays in the marketing of e-banking. impact on the bank-customer relationship need to be further examined. Further research specifically, the motivations behind e-banking adoption by customers and its subsequent commerce products may be more successfully marketed to them. In the banking sector adoption will need to be determined. The extent to which service quality is a necessary antecedent to successful cross-selling constructs an e-commerce environment. This research has focussed on providing a more current assessment of service quality in e-banking solutions to customers or a consequence to be influenced by e-banking associated with an organisation's relationship with its customers and how e-It therefore provides a first step toward investigating other

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