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## CONTENTS

Sr. No.	TITLE & NAME OF THE AUTHOR (S)	Page No.
1.	SUCCESS OF GREEN BANKING INITIATIVES AFTER DEMONETIZATION IN INDIA  Dr. K. KARTHIKEYAN & Dr. S. VADIVEL RAJA	1
2.	AN ANALYSIS OF INDIAN AUTOMOBILE INDUSTRY SLOWDOWN AS AN OPPORTUNITY FOR DEVELOPMENT  P. LAKSHMI	8
3.	THE USE OF ELECTRONIC TRANSFERS IN CASH ASSISTANCE: THE SATISFACTION OF PSNP BENEFICIARIES IN LIBOKEMKEM WOREDA  ABEL TADDELE HAILE	14
4.	PERFORMANCE ANALYSIS OF INDIAN AUTOMOBILE INDUSTRY  Dr. PRANEETA SAHU	22
5.	SERVICE QUALITY OF INTERNET BANKING AND ITS EFFECT ON CUSTOMER SATISFACTION  MEGHA RAJU	26
	REQUEST FOR FEEDBACK & DISCLAIMER	29

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#### SERVICE QUALITY OF INTERNET BANKING AND ITS EFFECT ON CUSTOMER SATISFACTION

# MEGHA RAJU Ph. D. RESEARCH SCHOLAR KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES KOCHI

#### **ABSTRACT**

Online quality service is a fundamental concern to maintain customer satisfaction. In the current years, many banks try to provide a better quality online banking service to please their customers. These banks are introducing internet banking as a guarantee to their customers that they will be able to maintain an ambitious quality of service in the future, in efforts to avoid losing their customers (Rod et al. 2009). Offering internet banking is no longer regarded as a competitive advantage but a competitive necessity. To add to the existing knowledge in the electronic banking field of study. To help the banks and policy makers have to accept the internet banking range and their part of addition towards customer satisfaction. Especially since not much research has been done in this area especially in the service quality aspect of internet banking as a whole. Design/Methodology: An exploratory and conclusive research design with the help of a Likert based questionnaire was conducted to investigate the Internet Banking service quality and customer satisfaction in Ernakulam city. Simple random sampling was used and different categories of internet banking users were approached in Ernakulam city. Data were collected from 110 internet banking users. Findings: The result shows that the service quality of internet banking and customer satisfaction are interrelated.

#### **KEYWORDS**

internet banking, customer satisfaction.

#### **JEL CODES**

O32, M30, M38.

#### **INTRODUCTION**

ervice quality is actually a research tool, mainly used to acquire consumer expectations and perceptions about a service along with the five dimensions of it that are consider, representing the service quality. SERVQUAL is built on the basis of some anticipated expectations of consumers while their going for any services. that before using a product they have some expectation on the service quality and also whether they meet the expectations. A. Parasuraman, Valarie Zeithaml and Leonard L. Berry to take a step to measure quality aspects in the service sector, the SERVQUAL model of the service quality instrument is used in preparing questionnaires and conceptual model. It has become the measurement scale in the area of service quality. Each of the dimensions of the service quality is namely efficiency, responsiveness, fulfilment, privacy, security, responsiveness and website design. Each of the elements have an effect on the overall customer satisfaction and service quality of internet banking. The paper provides an indication to show that the internet banking service quality dimensions are an important element to satisfy the customers since each of them is positively related to customer satisfaction. The paper gives an idea on how these service quality elements are correlated to customer satisfaction. The paper lays a foundation to future research which must not be limited to one geographical area of Ernakulam city but should take into study the other areas where internet banking is widely being used as globally. The research will help the managers of the banks and the policy makers to more concentrate on these service quality factors that tend to have a controlling impact on satisfying the customers, these elements will give a good quality internet banking service provided by the banks and that will help to retain the existing customers and also gaining new customers.

#### **OBJECTIVES OF THE STUDY**

- 1. To identify the factors affecting customer satisfaction on Internet Banking service quality.
- 2. To evaluate the satisfaction level of Internet Banking users.
- 3. To examine the major problems faced by users while using Internet Banking services
- 4. To identify the level of trust and awareness level on the security features of Internet Banking.

#### **METHODOLOGY**

The sample unit of the study was taken as a person who is using internet banking services less than 6 months. The total sample size was taken as 110, the sampling technique used was the multistage sampling method. After preparing the material draft of the questionnaire, a pilot study was prepared with 110 respondents were selected from the Ernakulum city. For convenience sampling the results of the pilot study helps the researcher to purify the scale item of the questionnaire and also check whether the questions are adequate for the purpose and were understood, the output from the pilot study and the researcher to reframe and made a necessary modification to the drafted questionnaire. Considering are the suggestion, a new questionnaire was developed for the purpose of data collection.

#### LITERATURE REVIEW

- S. Bhaskar (2010) now a day the banking sector also has facing higher competition. in case of service quality and product delivery etc. the commercial banks in between have higher competition and also Even though, these are so many empirical studies related online banking service quality and customer's satisfaction. Hence this study is an attempt to make a study on the area of the service quality in the banking sector study reveals that the service quality of internet banking, online website quality and banking service product quality are significantly influencing the customer satisfaction.
- **S. Fatemeh Sakhaei (2013)** the objective behind this research is to find out the service quality and its effects on customer satisfaction. for that a study was conducted in Iran and make study of banks in that region. the service quality elements like reliability, accessibility, responsiveness, privacy/security are found out by studying various literatures.

Mohammed Sadique Khan (2009) this study is based on the customer's point of view. For that the researcher prepares a questionnaire have 44 quality items under various categories. The researcher found Seven quality aspects. Which are accessibility, user friendliness, reliability, privacy/security, efficiency, responsiveness and fulfilment, are got from the study. Demographic profile of respondents shows that gender is a hindrance for usage of internet banking because normally males are spending more time on internet banking.

Joaquin Aldas-Manzano (2009) in this paper it's all about the satisfaction, risk, privacy of the internet banking websites. When the researcher collected so many literatures and found out that all the literatures talks about the common factors of internet banking. They make a study with 254 internet users from Spanish to know about whether customer loyalty and perceived risk is affected. From the study it is clear that the Spanish people were using internet banking less frequently and perceived level of risk and loyalty is much concerned.

Hermanis Rullis and Biruta Sloka (2010): in their study they find out that the relationship between customer's loyalty and internet banking. Now a day's internet has conquered the world and all those things which we need are available either in internet or through internet. And this study is attempt to tell about the customer satisfaction and loyalty towards internet banking. If the customers are looking for service quality of internet banking, then they will have satisfied with the services they provided and the and the quality also that will lead to customer satisfaction and loyalty.

Yu-Lung Wua, Yu-Hui Taob and Pei-Chi Yang (2010): in this study the objective is to find the cultural factors affecting the internet banking usage. For that they took seven banks from seven countries. Especially to study about the usage pattern of internet banking in the Taiwan areas. for that they prepared a sample questionnaire and collected data from that and also from reviewing literatures. so the service quality and the product which the bank offers are matters but still some cultural influences also a matter while choosing internet banking.

**K.T. Geetha & V.Malarvizhi (2010):** in their study they said that the banking sector has a huge revolution happened. Because of that all were looking for better banking services, the competition may have started in banking sector also. in case of their services, products, online delivery channels etc. so that they need to make a lot of modification in their banking sector. in this technological era all were looking for better banking services and they have lot of expectation also if the expectations doesn't meet they will go for some other banks.

Manoranjan Dash (2014): now a day's banking sector itself creating a venture for making all the transactions electronically than manually. So the costs and efforts are to be minimised. Within one single touch all those things taken place. Today's competitive era all were educated and so much growth happened. So they will use these electronic services and also they will recommend it to others.

Mehdi Naddaf et al in this research internet banking actually time saving, cost effective, accurate and privacy & security etc. have been provided. and also the service quality elements like reliability, responsiveness, accuracy, fulfilment also matters. these service quality elements are then leads to customer satisfaction.

#### **DATA ANALYSIS**

TABLE 1: THE REGRESSION COEFFICIENTS-SERVICE QUALITY

Path	Regression coefficient	Critical Ratio (CR)	Р	Variance explained
RELIABILITY SERVICE QUALITY	0.705	9.074	< 0.001	49.8
RESPONSIVENESS SERVICE QUALITY	0.647	7.966	< 0.001	41.9
FULFILMENT SERVICE QUALITY	0.660	8.201	<0.001	43.5
EFFICIENCY SERVICE QUALITY	0.641	7.860	< 0.001	41.0
PRIVACY AND SECURITY SERVICE QUALITY	0.685	8.673	<0.001	47.0
WEBSITE DESIGN SERVICE QUALITY	0.627	7.618	<0.001	39.3
ACCESSIBILITY SERVICE QUALITY	0.687	8.712	< 0.001	47.1

Source: compiled by the researcher

H<sub>1</sub>: Reliability has a significant impact on Service quality

The results show in Table 1 disclose that Reliability has significant effect on service quality as the standardised direct effect of reliability on service quality is 0.705, which is more than the recommended value of 0.4. So the hypothesis  $H_1$  is accepted and concludes that Reliability has significant impact on service quality.  $H_2$ : Responsiveness has a significant effect on Service quality

Table 1 show that the Responsiveness has a significant effect on service quality as the standardised direct effect of this construct on service quality is 0.647, which is more than the recommended value of 0.4. So the hypothesis  $H_2$  is accepted and it is concluded that Responsiveness has significant impact on service quality  $H_3$ : Fulfilment has a positive impact on Service quality

From Table 1 it is clear that Fulfilment has a significant effect on service quality as the value of service quality is 0.660, which is more than the recommended value of 0.4. So the hypothesis  $H_3$  is accepted and so we can tell that Fulfilment has significant impact on service quality

H<sub>4</sub>: Efficiency has a significant impact on Service quality

From Table 1 it is concludes that Efficiency has significant effect on service quality. Because the value of service quality is 0.641, which is more than the table value of 0.4. So the hypothesis  $H_4$  is accepted and concludes that Efficiency has significant impact on service quality.

Hs: Privacy and Security has a positive impact on Service quality

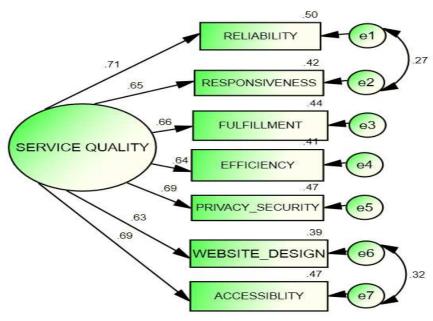
Table 1 revealed that Privacy and Security has significant effect on service quality. The value shows 0.685, which is more than the recommended value of 0.4. So the hypothesis  $H_5$  is accepted and concludes that Privacy and Security has significant impact on service quality.

H<sub>6</sub>: Website Design has a significant impact on Service quality

From Table 1 it is clear that Website Design has significant effect on service quality as the standardised direct effect of this construct on service quality is 0.627, which is more than the recommended value of 0.4. So the hypothesis  $H_6$  is accepted and concludes that Website Design has significant impact on service quality.  $H_7$ : Accessibility has a significant impact on Service quality

Table 1 disclose that Accessibility has significant effect on service quality. Because the value of service quality is 0.687, which is more than the recommended value of 0.4. So the hypothesis  $H_7$  is accepted and concludes that Accessibility has significant impact on service quality.

MODEL 1: SHOWING FACTORS INFLUENCING SERVICE QUALITY OF INTERNET BANKING



Source: Primary Data

#### CONCLUSION

The researchers aim throughout the study has been to examine how far the customers are satisfied with the internet banking services offered by various banks. Now days all are looking for better service providers especially in case of their banking transactions. So within this banking sector itself competitions exist. from the customers point of it is clear that better service quality will lead to customer satisfaction also. From this it is understood that the service quality of internet banking is related to responsiveness, fulfilment, efficiency, privacy& security, website design, accessibility and reliability. When all these factors come together it has a great extent of quality in internet banking.

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