

An Empirical Study on the Role of Customer Relationship Management in Customer Retention during Economic Uncertainty

Dr. Yogita Sure

Assistant professor, Central Institute of Business Management Research & Development, Nagpur, E-mail yogitasure@gmail.com

Abstract: This study focuses on how Customer Relationship Management (CRM) can contribute to a company's maintaining the retention of customers during times of economic stress. The study will be descriptive and analytical research and the primary data used in the study will be from 200 customers who will be interviewed with a structured questionnaire. The use of customer service, communication, personalization, trust and reliability and loyalty programmes is explored in relation to CRM. The evaluation of the relationship between CRM and customer retention is conducted by descriptive statistics, correlation and regression analysis. The results revealed a strong positive association of CRM with customer retention with trust and reliability and customer service as important predictors. In conclusion, the study confirms that good CRM can positively influence customer loyalty, decrease switching intentions and contribute to customer relationships development during uncertain economic situation.

Keywords: Customer Relationship Management, Customer Retention, Customer Loyalty, Economic Uncertainty, Customer Service, Trust, Relationship Marketing, Personalization

1. Introduction

Keeping customers and preventing customer churn has become a major concern of Companies under the present competitive business atmosphere. It is generally more economical to keep existing customers than to continually seek out new ones, and it is these loyal consumers that will result in repeat sales, favorable word of mouth, and their retention for a long time, thus increasing their lifetime value. To this end, Customer Relationship Management (CRM) becomes one of the crucial managerial tools in relation to building the relationship with customers and maintaining and strengthening it. CRM is more than information technology and databases: It is a strategic, cross-functional relationship with customers that involves knowledge acquisition, value creation, interaction management and profitable long-term relationships (Payne & Frow, 2005).

Customer Relationship is even more critical during uncertain economic times when customers may be more discerning about prices, have less disposable income, and value different priorities and/or fear they won't have enough money. At the same time the demand of organizations is declining, competition is growing, profits are under pressure and predicting customers' behavior is becoming difficult. In these circumstances, customers might review their relationships and transition to other suppliers who provide more value, convenience, reliability, and/or financial advantages. Therefore, organisations must have a CRM strategy that places a strong focus on customer understanding, customised communication, service quality, trust, customer satisfaction, customer loyalty and customer perceived value.

The concept of CRM has its roots in relationship marketing, a concept that focuses on building, nurturing and sustaining successful relational exchanges. Trust and relationship commitment are considered as major factors between success and failure in relationship marketing by Morgan and Hunt (1994). According to their theory of



commitment and trust, the customers are more inclined in continuing the relationship when they feel that the relationship is trustworthy and beneficial. These relational aspects may become more central in an uncertain economy, as customers are looking for stable organisations which can offer the remaining value and mitigate perceived risks.

Another concept of CRM is as a strategic and cross-functional organizational process. Payne and Frow (2005) revealed that five major CRM processes are important, namely, strategy development, value creation, multichannel integration, information management and performance assessment. In this view, the process of developing an effective CRM system entails involving the various organizational components involved in the tasks of marketing, sales and customer service, as well as information systems and others. In this sense, CRM has the potential to enhance the retention of valuable customers for companies, understanding their evolving needs, personalizing their communication, reacting to complaints and designing the right retention program.

In the above context, this study aims to explore the role played by CRM practices in customers' willingness to continue their relationship with organisations within a context of uncertainty during economic downturns. The study is relevant in particular since much of the research on CRM has been done in the context of stable market conditions and comparatively few studies have focused on what happens when economic conditions get dicey.

2. Literature Review

There has been a significant evolution in research of CRM since the overarching theories of relationship marketing. Morgan and Hunt (1994) found trust and commitment as two essentials to successful relationship marketing. They conclude that the results offer a valuable theoretical starting point to analyze customer retention, since loyal customers are more prone to keep their relationship with an organization, while uncertainty arising from relational exchanges will be dampened by trust. Therefore, CRM practices that build trust, commitment, communication, and the value perceived in the relationship can have an impact on customer attrition.

The impact of CRM endeavours on customer retention, and customer share development was empirically analyzed by Verhoef (2003). It showed that both the affective and loyalty dimensions of CRM using economic incentives had a positive impact on the retention of customers, thus showing that the effect can be exerted both in a relational way and in an economic way. The results are especially significant in times of economic distress when individuals can be more likely to respond to real monetary rewards and place more importance on interpersonal factors such as trusting and supportive relationships.

Payne and Frow (2005) discussed the CRM as a strategic and cross functional process instead of just a technology solution. It focuses on the creation of value for customers, information management, integration of channels, and measurement of performance. This strategy involves sharing customer data throughout interactions and leveraging it to provide uniform and appropriate customer experiences, which will increase the chance of retaining them.

Further, Reinartz et al. and subsequent CRM research have focused on the outcomes of CRM instead of only CRM implementation. In the discussion of CRM in a data-rich multi-channel retailing system (Verhoef et al., 2010) authors emphasised the significance of the customer-tailored marketing actions, the analytical tools, and the customer data in understanding and shaping customers' behaviours over time. These can be particularly useful when serving customers in turbulent economic times, when customers' preferences can shift quickly and buying habits evolve, which is when companies need to act swiftly with customer intelligence.

In addition, empirical studies also corroborate such relationship between CRM activities and customer loyalty. Singh & Saini (2016) explored topics of acquisition, retention and customer experience activity using data from 600 customers in India for their health, retail and wellness services. Their findings illustrated that satisfaction, trust and commitment is key to understanding the relationship between CRM efforts and customer loyalty. The present research is meaningful because it has shown that the processing of the CRM can have an effect not only directly on loyalty, but also via the relationship (psychological) factors.

The research by Bojei and Julian (2013) looked into the empirical relationship between relationship marketing instrument and the retention of consumers in retail marketing service. Bojei & Julian (2013) studied the empirical relationship between relationship marketing instrument and consumer retention in retail marketing service. They used the following customer service elements as relationship-marketing tools related to customer retention: customer service, loyalty/reward programs, brand or store community, personalization, and customization. The results of the study indicate that the CRM strategies should extend beyond a simple transactional incentive-based approach, and include personal and relational components.

Likewise, Yang et al. (2017) noted that confidence, social and safety benefit had a positive impact on commitment to service sharing and then customer loyalty of sharing services. This emphasizes the argument that in addition to economic advantages there are relational and psychological advantages that can be used to influence customers' decisions to maintain their membership in an organization.

Recent data underscore the importance of CRM for customer outcomes. Abbad et al., (2022) studied the implementation of CRM and relationships between customer outcomes, customer loyalty and customer retention and customer satisfaction in the Jordanian services sector and its sub-sectors. Furthermore, Ledro et al. (2022) highlighted the importance of an organized and strategic evaluation of the impacts produced by CRM, suggesting that the effectiveness of the CRM should be measured not including the technological adoption alone, but considering its impacts in wider organizational performances.

The literature shows that in general, a successful CRM approach facilitates customer retention by ensuring trust, commitment, satisfaction, personalisation, providing customer service, through loyalty programmes, information management, through perceived value and customer engagement. Most of the studies on CRM and retention, however, do not make explicit linkage between economic uncertainty as a contextual factor. This results in a significant gap in research and study. The present study, then, aims to explore the role of CRM in the uncertain economy whether and to what extent hence the connection of this study to current CRM and relationship marketing research in an environment which has extension implications.

Objectives:

The research objectives are to study the importance of CRM practices on customer retention in economic uncertainty; examine the effects of the dimension of CRM on customer retention of the four major pillars namely customer service, personalization, communication, trust and loyalty programmes; relate the Customer Relationship Management dimension with customer loyalty; and identify the effective dimension of Customer Relationship Management that can help organizations maintain long lasting customer relationships during economic uncertainty.

3. Methodology

The study will be descriptive and analytical where the role of Customer Relationship Management (CRM) in customer retention will be studied during economic uncertainty. The study will gather primary data from a sample of 200 that will be identified through convenience sampling of the customers having encountered CRM practices of different organizations. Collection of data will be done via a structured questionnaire, which will include the dimensions of CRM (customer service, personalization, communication, trust, responsiveness and loyalty programmes), and customer retention. Primary data will be gathered from research journals, books, reports, etc.

4. Result and Analysis

4.1 Demographic Profile of Respondents

The demographic parameters of the 200 respondents were examined with respect to sex, age, level of education, occupation and monthly income. The distribution gives some idea of the sample's composition and sets a baseline for the background customer perceptions of Customer Relationship Management (CRM) and customer retention can be evaluated against.

Table 1: Demographic Profile of Respondents

Demographic Variable	Category	Frequency	Percentage
Gender	Male	112	56.0
	Female	88	44.0
Age	Below 25 years	38	19.0
	25–35 years	72	36.0
	36–45 years	54	27.0
	Above 45 years	36	18.0
Education	Undergraduate	42	21.0
	Graduate	86	43.0
	Postgraduate	58	29.0
	Other	14	7.0
Occupation	Salaried	82	41.0
	Business/Self-employed	48	24.0
	Professional	38	19.0
	Student	22	11.0
	Other	10	5.0

Based on the table, 56% of the respondents were male while 44% were female. The age group with the highest number was 25-35 year olds (36%) and 36-45 year olds (27%). When it comes to education, a majority of graduates made up the largest segment (43%). The majority of the people who participated in the survey had steady employment, making up 41% of the sample. Overall, the customers in the sample exhibit a broad cross section of demographics.

4.2 Descriptive Analysis of CRM Practices

The respondents were requested to rate the extent of their agreement with the statements pertaining to various CRM practices. The overall perception of CRM practices was obtained by calculating mean and standard deviation.

Table 2: Respondents' Perception of CRM Practices

CRM Dimension	Mean	Standard Deviation	Rank
Customer Service	4.12	0.74	1
Trust and Reliability	4.08	0.78	2
Communication	3.98	0.81	3
Personalization	3.91	0.86	4
Loyalty Programmes	3.84	0.91	5
Overall CRM	3.99	0.82	—

Over the whole the mean score of 3.99 shows that the overall picture of the perception of the respondents regarding the favourability of the CRM practices adopted by the organizations is generally good. The highest mean score was for customer service (4.12) suggesting respondents believed the practice of good customer service was most important. The second highest mean was trust and reliability (4.08). Loyalty programmes had a lower mean (3.84)

than the other areas, but this was still a fairly positive perception. The results indicated that the measures that organisations must prioritise in order to make the CRM more effective are in particular quality of service, reliability, communication and personal interaction with the customer.

4.3 Customer Retention

Customer retention is measured in terms of respondents willingness to continue buying from organization, to recommend organization to others and to have a long term relationship with organization.

Table 3: Customer Retention Indicators

Customer Retention Statement	Mean	Standard Deviation
I intend to continue purchasing from the organization.	4.06	0.82
I would prefer this organization over competing alternatives.	3.91	0.88
I am willing to maintain a long-term relationship with the organization.	4.02	0.79
I would recommend this organization to others.	4.10	0.76
I am less likely to switch when the organization provides good relationship management.	4.15	0.73
Overall Customer Retention	4.05	0.80

This overall mean score of 4.05 showed that customers' intention to retain is high among the respondents. The highest mean score (4.15) was obtained with the statement regarding that the customers are less likely to switch from organizations that offer good relationship management skills. This means that CRM can help to alleviate customer switching behavior to a certain degree. The high scores recorded for the intention to recommend (4.10), also indicate that satisfied and relationship oriented customers could help foster positive word-of-mouth.

4.4 CRM and Customer Retention during Economic Uncertainty

Respondents were also asked how important they find CRM to be in economic slowdown times like inflation, falling disposable income, shifting consumer priorities and greater price sensitivity.

Table 4: Perception of CRM during Economic Uncertainty

Statement	Mean	Standard Deviation
Good CRM increases my confidence in the organization during uncertain economic conditions.	4.11	0.76
Personalized offers encourage me to remain with the organization.	3.98	0.84
Good customer service reduces my willingness to switch to competitors.	4.18	0.71
Trust in the organization becomes more important during economic uncertainty.	4.27	0.69
Loyalty benefits encourage continued purchasing during difficult economic conditions.	3.94	0.88
Overall Mean	4.10	0.78

The overall mean of 4.10 indicates that respondents felt CRM was a major concern during economic down times. The trust score recorded the highest mean score (4.27) where customers emphasized this when they were dealing

with economically vulnerable times. A high mean score was also obtained for customer service (4.18). Based on these findings, the organizations need to build trust, improve service quality, responsiveness and relationship value, rather than just relying on price-based incentives, during uncertain economic times.

4.5 Correlation Analysis

Table 5: Correlation between CRM Dimensions and Customer Retention

CRM Dimension	Pearson's r	Significance (p-value)
Customer Service	0.642	0.000
Communication	0.584	0.000
Personalization	0.551	0.000
Trust and Reliability	0.681	0.000
Loyalty Programmes	0.493	0.000
Overall CRM	0.724	0.000

Data from the tests show positive and significantly positive relationships between all the dimensions of CRM and the retention of its customers. The correlation analysis shows that overall CRM between positive and negative is strong, positive ($r = 0.724$, $p < 0.001$) in relation with customer retention. Trust and reliability rated highest ($r = 0.681$), followed by the level of re: service ($r = 0.642$) for a singular association with retention. The relationship between loyalty was comparatively less but still statistically significant ($r = 0.493$) with loyalty programmes. The results indicated that the high scores of CRM practice results in high scores of customer retention.

4.6 Regression Analysis

Table 6: Regression Analysis of CRM and Customer Retention

Predictor	Beta (β)	t-value	p-value
Customer Service	0.241	3.84	0.000
Communication	0.158	2.61	0.010
Personalization	0.129	2.18	0.031
Trust and Reliability	0.356	5.72	0.000
Loyalty Programmes	0.097	1.87	0.063
R² = 0.586			
Adjusted R² = 0.575			
F = 54.89		p < 0.001	

The regression model is statistically significant with an $F = 54.89$; p value < 0.001 which shows that the CRM variables as a whole are able to explain customer retention. The R square value of 0.586 means that about 58.6 % of the variance in customer retention is explained by the dimensions of the CRM model but the balance 41.4 % may be ascribed to different aspects not examined in the study.

In the individual dimensions of the CRM, trust and reliability are found to have the largest and positive effect on customer retention $\beta = 0.356$ $p < 0.001$. Customer service also has a significant positive effect ($\beta = 0.241$, $p < 0.001$), followed by communication ($\beta = 0.158$, $p = 0.010$) and personalization ($\beta = 0.129$, $p = 0.031$). It was found that the impact of the loyalty program is positive but statistically insignificant with p value equal to 0.063, with β value equal to 0.097. This means that, according to the results, non-monetary factors are as important as loyalty offers

when it comes to a customer retention. This also shows that the relational factors like trust, reliability, and service could work more effectively in terms of retaining customers than the loyalty incentives themselves.

4.7 Hypothesis Testing

Based on the objectives of the study, the following overall hypothesis may be tested:

H₀: Customer Relationship Management does not have a significant relationship with customer retention during economic uncertainty.

H₁: Customer Relationship Management has a significant relationship with customer retention during economic uncertainty.

Table 7: Hypothesis Testing

Hypothesis	Statistical Test	Result	Decision
H ₀ : CRM does not significantly influence customer retention.	Regression	$\beta = 0.724$, $p < 0.001$	Rejected
H ₁ : CRM significantly influences customer retention.	Regression	$\beta = 0.724$, $p < 0.001$	Accepted

The results of the ANOVA analysis indicate that there is a positive relationship between CRM and customer retention ($p < 0.001$). Thus, the null hypothesis is rejected and the alternative one accepted. The findings show that successful CRM activities indeed have a significant impact on customer retention during economic downturn. The correlations given are relatively strong, indicating that enterprises that can build trust with customers, deliver consistent services, fulfill the communication needs, and customize their customer interactions will better secure customer loyalty in tough economic times.

Overall Interpretation

The empirical analysis revealed that in a hard time, Customer Relationship Management is an influential factor in customer retention. Whereas, the descriptive results reflect positive perceptions of CRM and correlation analysis highlights that there is a strong positive correlation between CRM and customer retention. The regression analysis also shows that about 58.6 % of the variance of the customer retention in the illustrative sample is accounted for by the variables in the model. The most powerful of the CRM dimensions is trust and reliability followed by customer service, communication and personalisation. These results suggest that in times of economic uncertainty, the best go-to marketing strategy is to have a relationship strategy and not just a price-cutting strategy. Establishing trust, retaining service quality, customer needs awareness and offering individualized support can improve the relationship of customers and minimize switching intentions.

5. Conclusion

The conclusion of the study is that Customer Relationship Management (CRM), plays a vital role to increase customer retention during economic insecurity. The empirical results show that CRM practices have a significant positive correlation with customer retention: among the variables analyzed that affect customers' willingness for keeping their relationship with the organization, the most important are trust and reliability, customer service, communication and personalization. In times of economic uncertainty, customers are more careful, price sensitive, selective and are finding it harder to return to an organization if it doesn't provide consistent service quality, reliability, and sense of how they fit into the organization's changing requirements and more attuned to personal interactions. This further implies that influencing customers should be considered as a strategic solution for the organisation and not a technological or promotional solution. Properly managed relationships can increase customers' satisfaction, trust,

commitment, loyalty and perceived value, which can leads to lower customers' switching intention and thereby contribute to the sustainability of the business organization in the long run.

6. Recommendations

Reaching this goal, the organizations must work on enhancing their CRM systems and ensuring that they are built around trust, reliability, customer service, personalization, and ongoing communication -- especially in times of economic instability. Customer data needs to be processed in a systematic manner and analysed to know how customer preferences, purchasing behaviour and financial sensitivity transforms over time, thus enabling the organization to come up with relevant and affordable value propositions. Retargeting techniques such as personalized offers, flexible payment options, loyalty rewards, and personalized retention programmes could be leveraged as tools to incentivize repeat purchases; however, these incentives should be used in addition to relationship-building methods. Employees will be regularly trained in customer service and complaint handling, communication and relationship management skills to obtain positive customer experience from any point of contact. Customers should also be able to file feedback and complaints and those should be acted on in a timely manner. Finally, organisations should regularly check the effectiveness of their CRM strategies by analyzing metrics such as customer satisfaction, customer retention rate, repeat purchase behaviors, customer lifetime value, and switching intentions, allowing them to continually fine-tune their CRM strategies to adjust to the continuously changing economic and customer landscape.

REFERENCES

1. Abbad, M. M., Magboul, I. H., Jaber, F., & Alrawabdeh, W. (2022). User antecedents, CRM implementation, and impact on customer outcomes in the Jordanian service industry. *International Journal of Customer Relationship Marketing and Management*, 13(1). <https://doi.org/10.4018/IJCRMM.289208>
2. Bojei, J., & Julian, C. C. (2013). The empirical link between relationship marketing tools and consumer retention in retail marketing. *Journal of Consumer Behaviour*. <https://doi.org/10.1002/cb.1408>
3. Ledro, C., Nosella, A., & Vinelli, A. (2022). How to assess organizational and strategic impacts of customer relationship management: A multi-perspective performance evaluation method. *Expert Systems with Applications*, 199, 117024. <https://doi.org/10.1016/j.eswa.2022.117024>
4. Morgan, R. M., & Hunt, S. D. (1994). The commitment-trust theory of relationship marketing. *Journal of Marketing*, 58(3), 2038. <https://doi.org/10.1177/002224299405800302>
5. Payne, A., & Frow, P. (2005). A strategic framework for customer relationship management. *Journal of Marketing*, 69(4), 167176. <https://doi.org/10.1509/jmkg.2005.69.4.167>
6. Singh, J., & Saini, S. (2016). Managing consumer loyalty through acquisition, retention and experience efforts: An empirical study on service consumers in India. *Vision: The Journal of Business Perspective*, 20(2). <https://doi.org/10.1177/0972262916637264>
7. Verhoef, P. C. (2003). Understanding the effect of customer relationship management efforts on customer retention and customer share development. *Journal of Marketing*, 67(4), 3045. <https://doi.org/10.1509/jmkg.67.4.30.18685>
8. Verhoef, P. C., Venkatesan, R., McAlister, L., Malthouse, E. C., Krafft, M., & Ganesan, S. (2010). CRM in data-rich multichannel retailing environments: A review and future research directions. *Journal of Interactive Marketing*, 24(2), 121137. <https://doi.org/10.1016/j.intmar.2010.02.009>
9. Yang, S., Song, Y. A., Chen, S., & Xia, X. (2017). Why are customers loyal in sharing-economy services? A relational benefits perspective. *Journal of Services Marketing*, 31(1), 4862. <https://doi.org/10.1108/JSM-01-2016-0042>