Influence of Customer Relationship Management on Online Shopping

Abdullah Nabeel Jalal¹ and Othman bin Ibrahim²

^{1,2} Faculty of Computer Science & information System University Technology Malaysia Skudai, Johor Bahru 81310, Malaysia

Abstract

The rapid development of internet user has made it easy and improved the online marketing in the global market, as a result the number of customer shopping online are increasing more than the number of customer using internet for others purposes, customer participations are the basic of every business success, because with customer, no business can survive or adapt with change that has been brought by new technology. Customer Relationship Management (CRM) can be understood as a revolving process during which companies interact with their customers, there by generate, aggregate, and analyze customer data, and employ the results for service and marketing activities, the purpose of this paper is to figure out the influence of Customer relationship management as motivational factor on online shopping in e-business environment.

Keywords: online shopping, online promotion, customer relationship management (CRM)

1. Introduction

The internet has made online shopping to become a social way to shop from all over the world. In the same way development of internet network and technology also give lots of potent to people using internet to go for online shopping, with online shopping customers and vendors can come together through the online business in a way that both parties can have good and sustainable business services. Online shopping provides customers with basic elements that will help customers to browse and made purchases at their convenience. This is possible for customers to achieve an efficient online marketing approach with organization. The challenges business faces today are globalization, deregulation, also the uniting of industries and the rise of online business. Due to these factors it has change the way organization study their consumers, for organization to developed and maintain their customers in a competitive environment. Organization have to do all they can to meet that level standard with their consumers. A successful company keeps their customers by providing their customer's needs.

2. Online Shopping

Individual's respond online shopping is the process of buying an items or service through the use of internet network. [1] The rapid growth of internet technology has made it for online shopping become one of the social ways of shopping, People have difference perceptions on online shopping which can be explained as a tendency to respond in consistently favorable or unfavorable manner with respect to a giving items or service, to a giving item is basically determined by his/her perception toward that item as well as the firm that item is produce.[2] There is strong relationship between intention and attitude in every customer, the more the favorable customer's attitude toward online shopping the more that customer (he/she) will have intention of shopping online.[4].

3. Consumer's attitude towards online shopping

Customers are the users in an e-marketing, many challenges are facing organization when trying to understand the requirements of their customers in order to meet their expectation. But due to rapid growth of internet and electronics economy customers are in control, therefor making it not difficult for the customer to move to competitor site. [16] A customer can only be willing to do business with an E-commerce if he/she can gets the value from his/her exchange with the that business. The online shopping offer service to consumers, it's a good match between the seller and the buyer, and the media to be used also have to be putting into consideration as well. [17] A customer's attitude toward an item is essentially considered by the set of his/her beliefs about the items. [18].



www.lJCSl.org 364

4. The Influence of Online Promotion on Online Shopping

Promotions are usually consisting of difference type of motivations which add value and attract customers toward the products. Promotions are used to make the customers and dealers to purchase more product than the rate of purchasing is also increases when consumers purchase in a large quantity. [5] Example when a customer intends to buy a product that is within he/she budget and the product is on promotion he/she will be willing to buy in a large quantity. [6] Online Promotion will help the organization to cut the threat of being tripped up by the multiplicity of laws. Online promotion will allowed the firm to have total control of its market promotion activities which are based on subject to regulation by the government.

5. Roles of CRM in online shopping

Customer relationship management is a kind of new business management model that joins organization technology and management tools together in other to increase and maintain the relationship between the firm and its customers. [7]. CRM has become one of the top strategic that most successful company's use today. Due to the new model communication technology, it makes it possible to have the whole enterprise business around the customer needs through the combinations of the traditional organization, supply chain management and enterprise resource for the increase of customer's loyalty, customer's purchase and profit with other enterprises benefit. [8] As CRM become the business strategic and tools for improving the firm productivity and maintaining their relationship with their customers as well. CRM also ensure that the right product is going to the customer at the right time for retaining good image of the firm. [9]. with the used of CRM company can know more about their customers and make use of its knowledge to trade more product and service [10]. CRM can make customer to have good perception on the products presenting them in the marketplace by the company, based on the CRM rules customers consideration as a crucial resource and assert for the company that gave value to the company and in return it achieve some value as well. [11] CRM also help to get important data needed from the customer's values, CRM save as tools for creating trust and making their customer to be convenience with what the company produce to them, attract new customers and retain the potential once. [12] For every company to be among the successful among its competitors most give good attention to the foundation and culture that they need as an infrastructure for their CRM system. [13]By giving this priority it will finally lead to obtain a good relationship with the customers and company can reduce its costs for sale and marketing. [14]. Furthermore customers can often ask question for any information they intend to about a specific product or service, they can also shop online without the any intermediary (staff) this reduce the time and money that will be used if there is any intermediary between the customer and the company. [15].

6. Discussion

A business can't survive in competitive environment without the great contribution from customer's satisfaction toward the products that are produced for them. However most of customers are prepared to go for products that have good image in the society and well known, rather than going for products that have no sustainable image in the eyes of the society. Nowadays businesses are facing more challenges than before, this is due to the growing of internet technology that has brought e-commerce in the business environment. Customer relationship management (CRM) gets to expand into e-commerce when online shopping comes into existing, applying many strategies to attract people that use internet to go for e-commerce (online shopping), CRM helps in increasing the growth of online shopping in e-business by introducing some strategies to call on people's attention to online shopping. One of the examples of these strategies is online promotion, online promotion is used to attract customer's attention to make shopping, and even it's not yet the time they budged for it. It gives the customer opportunities to get lots with a less price by cutting the normal price down to some certain level that enables customers to buy the product in an affordable manner.

7. Conclusion

The increase in the development of internet users has made it possible for the online shopping and promotion to be placed in ecommerce business environment, the number of customers that go for online shopping is becoming more than the number to customer using internet for other online activities. This is due to the rapid development of the internet technology as a whole. Internet has made online shopping to become one of the fastest and gain able online businesses that goes on in these days in global market, customer relationship management (CRM) helps in making online shopping successful in e-commerce business, by proving it certain strategies that increase and maintain good image of the products. Also it provides online shopping with strategies that will retain the relationship between the company and its customer.

Acknowledgments

I wish to express my deepest gratitude to my supervisors Prof. Othman bin Ibrahim for his valuable advice and guidance of this work. And I am very grateful to the authority of the University Technology Malaysia. Finally, I am particularly grateful to my parents, for helping and assisting me in all the stages of my study. Without their help this achievements would never have been possible. Special thanks to my brothers and sisters for their patience and all kinds of support during all of my studies.



References

www.IJCSI.org

- [1] Vijayasarathy, L.R. "Predicting consumer intentions touse on-line shopping: the case for an augmented technology acceptance model," Information & Management (41:6) 2004, pp. 747-762.
- [2] Kourfaris, M. "Applying the technology acceptance model and flow theory to online consumer behavior," Information Systems Research (13:2) 2002, pp 205-223.
- [3] Bhatnagar, A., and Ghose, S. "Segmenting consumersbased on the benefits and risks of Internet shopping," Journal of Business Research (57:12) 2004, pp 1352-1360.
- [4] Cenfetalli, R.T. "Inhibitors and enablers as dual factorconcepts in technology usage," Journal of the Association for Information Systems (5:11) 2004
- [5] France Belanger, Janine S.Hiller, Wanda J.Smith. Trustworthiness electronic commerce: the role of privacy, security, and site attributes. Journal of Strategic Information Systems 11 (2002): 245-270.
- [6] Ma Huimin, Qian Ruobing, Zhan Ruoyu. Game analysis of proprietor reputation effect in E Business market. Journal of WUT (Information & Management engineering), (2005). Vole 27, No4:314-318.
- [7] A.Saulsbury, F.Dahlgren, and P. Stenstrom. Recencybased TLB preloading. In Proc. of the 27th ISCA, pp. 117–127, June 2000
- [8] McDonald, J. (2002, August). Is "as good as Face-to-face" as good as it gets? Journal of Asynchronous Learning Networks. 6 (2), 10-15. Retrieved December 2, 2010fromhttp://www.aln.org/publications/jaln/v6n2/v6n2_m acdonald.asp
- [9] Saeed, K. A., V. Grover, and Y. Hwang, "The Relationship of e-Commerce Competence to Customer Value and Firm Performance: An Empirical Investigation," Journal of Management Information Systems, 22: 1, 2005, pp. 223-256.
- [10] Wang, Y., H. P. Lo, R. Chi, and Y. Yang, "An IntegratedFramework for Customer Value and Customerrelationship Management Performance: a Customer-based Perspective from China," Managing Service Quality, 14:2/3, 2004, pp. 169-182.
- [11] Melville, N., K. Kraemer, and V. Gurbaxani, "Review: InformationTechnology and Organizational Performance: An Integrative
- Model of IT Business Value," MIS Quarterly, 28:2, 2004, pp. 283-322.
- [12] Gefen D, Karahanna E and Straub DW (2003). Inexperience and experience with online stores: The importance of TAM and trust. IEEE Transactions on Engineering Management. 50 (3): 307-321.
- [13]Gefen D, Straub DW and Boudreau MC (2000). Structural equation modeling and regression: Guidelines for research practice. Communications of the AIS. 4 (4): 1-79.
- [14] C. HARLAND. The dynamics of customer dissatisfaction in supply chain. Production planning & control, vol. 6, no. 3, pp. 442-452, May.1995
- [15] Liu Xiao-Dong, Cao Yun-Fei, Hu Zhao. "Dynamic Component based Compose Component". Mucroelectronics & Computer. Vol 22, No.2, 2005, pp100-102
- [16] Andrew Brown, "Customer Care Management", Billing& Sons Ltd, Worcester, p.10, 1991.

- [17]Shoniregun, C.A., "Are existing internal security measures guaranteed to protect user identity in the financial industry?" Int. J. Services, Technology and Management, Vol.4, No.2, pp. 194-216, 2003
- [18]Shoniregun, C.A., Preston, D., Logvynovskiy, O. and Hoang, T., "MBIS20 Electronic Commerce Unit Handbook", University of East London, School of Computing and Technology Post Graduate Programme, MSc Internet Engineering, pp. 45-46, 2003.

First Author was born in December 12, 1986 Iraq. He is a M.Sc. research student at the Faculty of Computer Science and Information Systems of University Technology Malaysia (UTM), Skudai, Johor Malaysia. He holds his B.Sc. in Management Information System from University of Mosul Iraq 2010. His research interests are innovative solutions for "knowledge-based" information systems that span several areas applying ontology and knowledge management for interoperating information systems software engineering and enterprise system.

Second Author was born in July, 7, 1973 Malaysia. He received his ph.D.in Computation, 2004, UMIST (University of Manchester Institute of Science and Technology). Master of Information Technology, 1999 Universiti Kebangsaan Malaysia. Bachelor of Computer Science, 1997 UTM (Universiti Teknologi Malaysia). Diploma of Computer Science, 1999 UTM (Universiti Teknologi Malaysia).

