A Study of Establishing a Decision Support System for Customer Satisfaction Analysis

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ABSTRACT

In recent years, the concept of customer relationship management has gradually been noticed in most enterprise organizations. Also, customer satisfaction has always played an important role in customer relation management. Customers would decide their level of satisfaction according to heir preference and subjective consciousness towards enterprises. Therefore, the success or failure of an enterprise is directly proportional to the level of customer satisfaction. However, at present, there is lack of an effective decision support tool that integrate product sale and the quality management to analyze customer satisfaction, thus, it is difficult to analyze the customers' authentic satisfaction and their willingness for re-buying. The propose of thesis is to establish complete customer satisfaction analysis system. Our theoretic basis is based on making use of multi-criteria satisfaction analysis (MUSA) to observe customer satisfaction from the whole customers and linguistic additive majority aggregation (LAMA) to observe Customer Satisfaction for the individual customer. In this way, we establish a decision support system for customer satisfaction analysis.

Keywords : decision support system, customer satisfaction analysis, multi-criteria satisfaction analysis, linguistic additive majority aggregation

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