Application of Quality Function Deployment on Logistic Management of Information System Requirement - A Case Study of...

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ABSTRACT

The developments of globalization and information technology have caused high competitions to markets. Companies must improve effectiveness of logistics management in order to adapt the swift market changes. In order to reduce costs and increase competitive advantages, it is essential for companies to control and manage their raw materials and human resources. Consequently, profits will be increased and customers will be satisfied. Companies will be benefited by creating long-term customers. Besides improving the effectiveness of Logistics Management, companies should also consider the Efficiency-Flexibility in order to effectively apply information technology to businesses. Thus, investing in the effectiveness information technology with efficiency and flexibility has become an important issue and trend for businesses to operate in the future market. This research develops Integrated strategy planned model by applying the quality function deployment concept. It analyzes the business environment, goals, strategies, key success factor and currently applied information technology base on efficiency and flexibility concept, to create the degree of requirement (value) for establishing the effectiveness of information system. The value is a reference for decision-making on the investment of information system. It applies varieties of individual business to exam the effectiveness of the model. The result of the exam shows that the model is able to effectively assist progressing companies to develop business plans for achieving effective operations.

Keywords: information technology; integrated information system plan; quality function deployment (QFD)

Table of Contents

內容目錄 中文摘要 iii 英文摘要
.......iv 誌謝辭 v 內容目錄
........vi 表目錄 vii 圖目錄
............ viii 第一章 緒論....................1 第一節 研究
背景與動機
研究範圍與限制
文獻探討5 第一節 運籌管理5
第二節 資訊科技...............17 第三節 品質機能展開............
21 第四節 小結
28 第一節 運用QFD建構整合性策略規劃模式 28 第四章 個案研究

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