

Web-Based Order Management System A Case Study of Sealing Company

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ABSTRACT

In addition to quality and price, " speed " is the key point for enterprise to win in this keen competition market due to the fast development of IT and Internet in recent years. Order management is one of the important functions in the enterprise process, and the method of mastering order schedule to help the enterprise to have a quickly response to customer is a key factor. However, in the sealing industry there is not such a system for mastering order schedule because lack of no order process standard, high cost, and complex confirmation process. These cause long replying time to fulfilled the customer requirements . By reviewing previous research papers and interview with the people involved, the relationship among administrator, customer, and supplier, the product schedule, product quality, are presented in this research . The UML is used to analyze the global structure process and built an order system. By web-based order management system that we had built in this research, quick and correct information can be reached. In addition, it can also provide quick response and reduce cost and result in an effective service.

Keywords : Sealing Industry ; Order Management System ; UML

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REFERENCES

鄭?煌 (民88) : 《供應鏈體系下全面訂單管理系統之探討》, 東海大學工業工程研究所碩士論文。 財政關稅總局(民94), Frost & Sullivan " european seals, gaskets and packings markets "。 Hollis, J., (1996). Supply Chain Re-engineering: the Experience of Littlewoods Stores Ltd, Logistics Information Management.pp.97-102 Anil,Bhatia(1999), Customer Relationship Management,1sted., toolbox portal for CRM.pp.25-34 Kalakota, R. and M. Robinson. (1999). e-Business:Roadmap for Success, Addison Wesley.pp.7-15 Peppers, D. and M. Rogers. (1996). The One to One Future: Building Relationships with One Customer at A Time, Doubleday.pp.27-60 Pivotal Co., Electronic Business relationship management, Business Report.pp.151-160 盧坤利 (民89)。 《台灣地區企業採用顧客關係管理系統之影響因素研究》, 國立台灣大學商學研究所碩士論文。 Francois B.Vernadat., Enterprise Modeling and Integration: principles and applications, Chapman & Hall.pp.38-43 江清水 (民87) 產品開發工程流程模型研究, 機械工業, 期, 21-25。 Sinan Si A1b, (1999).UML in Nutsbell, O ' Reilly & Associates, Inc.pp.42-48 Thayer, R.H.,(1993). Software Engineering, IEEE computer.pp.42