스마트폰 환경에서 창고관리에 관한 연구

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Study on Inventory Management in Smart Phone Environmkent

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● 요 약 ●

With the development of globalization, enterprises have improved the working efficiency and the competitiveness through smart office. Consequently, the enterprise resources planning, sales support, customer relations management and supply chain management with distinctive function of expansion are quite necessary. In view of this, through appropriate use of software, this study creates and implements the application programs of marketing management and inventory management in Smartphone environment.

키워드: 스마트폰(smart phone), 재고관리(inventory management), 애플리케이션(application)

I. INTRODUCTION

The development of the Smartphone technologies has brought enormous changes into enterprise management and government operation. With the globalization of information, the business environment has also changed. In order to meet increasingly fierce competition, collect more effective information, and flexibly respond to various changes, the enterprise management is in more urgent need of smart office.

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The study of this paper can expand the market of Smartphone, keep up with the development of information technology, and realize sustainable development, especially the flexible use of the basic mobile device-Smartphone. The implementation of the application programs in Smartphone can make contributions to the enterprise resources management, market service support, technological development and human resources expansion.

II. RELATED WORKS

A Smartphone is a mobile phone built on a mobile operating system, with more advanced computing capability and connectivity than a feature phone. There is no definition for the Smartphone industry standards. Smartphone that runs complete operating system software platform that provides a standardized interface for application developers and be viewed as contempt for some people to some people e-mail, the Internet, e-book reading capabilities, a built-in keyboard or external USB(Universal Serial Bus) keyboard, VGA(Video Graphics Array) port with advanced features that can be seen as the telephone. In other words, the Smartphone, you can see a small computer with phone functionality. [2]

III. INVENTORY BUSINESS ANALYSIS

The business planning system is established according to the registration number and the code is defined in accordance with the planned date. Even if it is the same registration number, a different code has to be used according to the business plan to prevent mistakes when it is registered. Input the introduction to all the departments and the people in charge and the detailed business plan.

Define the material. Manage the special warehouse for the raw material and auxiliary material directly. Classify and reserve public articles and sort out the paperwork for receiving and dispatching the material. Improve the management system of the enterprise and reduce free trade and make the projects fair and purified.

Inventory management (b) is consisted by the stock registration and lookup. Run for this screen is shown in figure 1.

(a)Marketing Management   (b)Inventory Management

Fig. 1. Details of Menu List

IV. CONCLUSION

According to the requirements of business and technological development, sustainable technological productive power should be connected with commercialization by making use of technological development and specialized research talents, so that it can also be connected with sales. The market of technological development can be stimulated and expanded through the technological development and commercialization.

REFERENCES

[1] S. J. Park et, al. "A Study on Encouragement Strategy of Electronic Commerce planned Event to Young Class of People", Journal of The Korea Society of Computer and Information, Vol, 16, No. 11. pp 77-83. 2011

[2] B.W.Jin. et. al, "Personalized e-Commerce Recommendation System using RFM method and Association Rules", Journal of the Korea Society of Computer and Information, Vol. 15, No. 12. pp. 227-235. 2010.

[3] Peter, J. P, and Olson, J. C. "Consumer Behavior and Marketing Strategy", Chicago: Irwin, 1996.

[4] CMN, "The Merits of Online-shopping Mall is Low Price", 2007.12.14.