

University of Malaya
Faculty of Business and Accountancy
Master of Business Administration
1998/99

CBGB 6181 Research Project

Supervisor: Dr. Ainin Sulaiman

Centralised Inventory Management System

By: Lee Boon Kiat

Perpustakaan Universiti Malaya



A510143936

Dimikrofilkan pada..... 92.01.02
No. Mikrofilis..... 15231
Jumlah Mikrofilis..... 1

HAMSIH BT. MOHAMAD ZAHARI
UPR UNIT REPROGRAFI
PERPUSTAKAAN UTAMA
UNIVERSITI MALAYA

Acknowledgements

I wish to express my sincere appreciation and thank to Dr. Ainin Sulaiman of Faculty of Business and Accountancy, University of Malaya for her consent to take me as her research student and for her guidance, advice, comments, feedback and patience throughout the study of this research project. I am also thankful to Mr. Cyril Ponnu of the same faculty, University of Malaya for being my moderator.

Throughout this research project, relevant documents, catalogues, literature materials and other information and data which are required for the successful study of the project are being readily made available by Bauer Far East Holding and its subsidiaries in Asia Pacific region. I am deeply indebted to them for their kindness and willingness to supply the materials and their consent to allow me to have the detailed study into the subject research topic. In addition, I would like to thank all the staff and management of Bauer Equipment Malaysia for being very helpful and cooperative.

Lastly, I am extremely grateful to my family especially my wife, Sai Kim for their understanding, love and patience throughout the research project study and the whole MBA course. Without their support, it would not be easy for me to do it.

Executive Summary

Integrated and centralised management of databases has been made possible by new Information technologies and innovative ideas. In many large multinational companies who have branches and subsidiaries globally, innovative and effective use of information technologies has enable them to gain competitiveness in the marketplace.

The main objective of this research project is to highlight the effectiveness of information technology in resolving some of the management problems faced by the organizations. The emphasis of this research is on the study of the problems faced by Bauer in their current inventory management system and how information technologies can be utilized as an enabler to resolve problems and to enhance the operational efficiency of the organization. The analysis of the problems is based on the study of both primary and secondary data collected and provided by Bauer and its subsidiaries in the Asia Pacific region.

Various alternative courses of actions were identified and evaluated before an alternative solution, that is Centralised Inventory Management System was recommended. The recommendation was based on a number of factors. For example, the availability of experience information technology staff to handle large scale project, managing multiple sites, coping with pressure and stress; the cost of the project; the number of problems addressed by the proposed system; and the tangible and intangible benefits derived from the proposed system.

Efforts were concentrated in addressing the management issues in inventory management and therefore, the detailed system design, development and implementation were briefly discussed.

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