Management of Car Tire Sales for Hong Tam Business

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***Abstract*—This thesis examines the current state of the sales system for car tire sales at Hong Tam Business. The author identifies inefficiencies in the manual management system and proposes the implementation of a computerized system using Microsoft Access and Visual Basic 6.0. The program includes features such as inventory management, sales tracking, and financial reporting. The author designed and implemented a program that automates various business processes, aiming to improve efficiency and reduce errors. The program was designed to replace manual tasks such as record keeping and reporting. It provides functionalities for managing inventory, tracking sales, and generating financial reports. However, the exact performance metrics are not provided in the thesis. The author acknowledges the limitations of the program due to the limited time and knowledge available.**

***Index Terms*—car tire sales, Hong Tam Business, Microsoft Access, Visual Basic 6.0, inventory management, financial reporting**

I. Introduction

The thesis explores the current state of the sales system for car tire sales at Hong Tam Business. It highlights the inefficiencies of manual management and the advantages of adopting a computerized system. The author aims to design and implement a program to automate various business processes, enhancing efficiency and reducing errors. The program includes features such as inventory management, sales tracking, and financial reporting. The author acknowledges the limitations of the program due to the limited time and knowledge available. [1]

II. Methods

The author used Microsoft Access and Visual Basic 6.0 to develop a program that automates various business processes. The program includes features such as inventory management, sales tracking, and financial reporting. The design process involved creating a Business Function Diagram (BFD), Data Flow Diagram (DFD), and Entity Relationship Diagram (ERD). The author also used ADO (ActiveX Data Objects) to interact with the database. The program was designed to replace manual tasks such as record keeping and reporting. However, the exact performance metrics are not provided in the thesis. [1]

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III. Results

The program was designed to replace manual tasks such as record keeping and reporting. It provides functionalities for managing inventory, tracking sales, and generating financial reports. The program includes features such as inventory management, sales tracking, and financial reporting. The author used Microsoft Access and Visual Basic 6.0 to develop the program, which involved creating a Business Function Diagram (BFD), Data Flow Diagram (DFD), and Entity Relationship Diagram (ERD). The program was designed to replace manual tasks such as record keeping and reporting, and it provides functionalities for managing inventory, tracking sales, and generating financial reports. However, the exact performance metrics are not provided in the thesis. The author acknowledges the limitations of the program due to the limited time and knowledge available. [1]

IV. Discussion

The thesis discusses the benefits of using a computerized system for managing car tire sales. It highlights the reduction in errors and the improvement in efficiency. The author acknowledges that the program is not without limitations, particularly due to the limited time and knowledge available. The program was designed to replace manual tasks such as record keeping and reporting. It provides functionalities for managing inventory, tracking sales, and generating financial reports. However, the exact performance metrics are not provided in the thesis. [1]

V. Conclusion

The author concludes that the program has improved the efficiency of managing car tire sales at Hong Tam Business. However, there are still areas for improvement, and the author plans to enhance the program's functionality in the future. The author expresses gratitude to the supervisor and other contributors for their support during the thesis work. The program was designed to replace manual tasks such as record keeping and reporting. It provides functionalities for managing inventory, tracking sales, and generating financial reports. However, the exact performance metrics are not provided in the thesis. [1]

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