Office Equipment Management at Hai Nguyen Joint Stock Company

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***Abstract*—This thesis focuses on the development of a program for managing office equipment at Hai Nguyen Joint Stock Company. The program aims to assist managers in efficiently tracking and managing office equipment, ensuring data security, and providing a user-friendly interface. The research involved real-world observations, literature review, and the creation of a program using Visual Basic 6.0 and SQL Server 2000. The program successfully addresses the need for secure data management and provides a practical solution for office equipment management. The implemented functions include data entry, modification, deletion, and search, ensuring accurate and rapid data processing. The program's user interface and security features facilitate easy access to information and prevent unauthorized data updates. The program was tested through real-world scenarios to ensure its practicality and effectiveness.**

***Index Terms*—Office equipment, Management, Visual Basic 6.0, SQL Server 2000, Data security, User interface**

I. Introduction

The early 21st century saw the widespread application of information technology, particularly in the field of computer science. This thesis explores the development of a program for managing office equipment at Hai Nguyen Joint Stock Company, emphasizing the importance of effective management of office equipment in various sectors. The research involved real-world observations, literature review, and the creation of a program using Visual Basic 6.0 and SQL Server 2000. The program was designed to ensure data security, provide a user-friendly interface, and assist managers in tracking and managing office equipment. The study highlights the challenges faced by managers in efficiently managing office equipment and the need for a robust and secure system to address these issues. [1]

II. Methods

The research involved real-world observations, literature review, and the creation of a program using Visual Basic 6.0 and SQL Server 2000. The program was designed to ensure data security, provide a user-friendly interface, and assist managers in tracking and managing office equipment. The development process included creating modules for data entry, modification, deletion, and search. The program was tested through real-world scenarios to ensure its practicality and effectiveness. The implementation of these functions allowed for accurate and rapid data processing, ensuring that managers could easily access and manage office equipment. [1]

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III. Results

The program successfully addressed the need for secure data management and provided a practical solution for office equipment management. The implemented functions, including data entry, modification, deletion, and search, ensured accurate and rapid data processing. The user interface and security features facilitated easy access to information and prevented unauthorized data updates. The program allowed managers to track and manage equipment efficiently, ensuring data accuracy and speed of processing. However, further testing and refinement were necessary to fully implement the program in real-world scenarios. [1]

IV. Discussion

The program demonstrated the ability to handle data securely and provided a user-friendly interface. However, further testing and refinement were necessary to fully implement the program in real-world scenarios. The limitations of the program included potential bugs and the need for continuous updates to address new security threats. The program showed promise for broader application in the future, particularly in larger organizations where efficient management of office equipment is critical. The program's success in providing a secure and user-friendly interface for managing office equipment highlights the importance of integrating information technology into office management practices. [1]

V. Conclusion

The thesis concluded that the developed program was a practical solution for managing office equipment, addressing the need for secure data management and efficient tracking. The program showed promise for broader application in the future, particularly in larger organizations where efficient management of office equipment is critical. The program's success in providing a secure and user-friendly interface for managing office equipment highlights the importance of integrating information technology into office management practices. The research and development process involved real-world observations, literature review, and the creation of a program using Visual Basic 6.0 and SQL Server 2000, which allowed for the implementation of essential functions such as data entry, modification, deletion, and search. The program's user interface and security features facilitated easy access to information and prevented unauthorized data updates, making it a valuable tool for office managers. [1]

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