Materials Management Program for Hai Binh Co., Ltd. in Chua Hang, Dong Hy, Thai Nguyen

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***Abstract*—This undergraduate thesis addresses materials receipt, issue, and inventory records at Hai Binh. The student surveyed the materials workflow and built a subsystem around receipt and issue vouchers. The report reports voucher details and receipt, issue, and stock-summary reports. Materials and warehouse work requires traceable receipts, issues, and stock balances. The documented contribution is the case analysis and the selected software or analytical work described in the manuscript. The report does not quantify business savings or validate the program against a complete transaction history. Its practical value can be assessed further through the specific records and users involved in this task.**

***Index Terms*—material management, C#, SQL 2005, database, inventory management, reporting**

I. Introduction

Materials and warehouse work requires traceable receipts, issues, and stock balances. The organization in this thesis faced a concrete need concerning materials receipt, issue, and inventory records at Hai Binh. The student used that setting to define a manageable graduation project and to select the records and functions most relevant to the case. The work aims to organize the process and make its main steps easier to inspect. The present account follows the scope stated in the manuscript rather than assuming that the intended organizational benefits were measured [1]. Related earlier ICTU undergraduate theses provide context for this English summary [9], [10].

II. Methods

The student surveyed the materials workflow and built a subsystem around receipt and issue vouchers. The case study begins with the relevant workflow and identifies the information that the proposed function must receive, retain, or produce. The manuscript then describes the design or implementation choices for the selected tasks. Its diagrams, interface descriptions, or program sections provide the basis for this account. No additional test population, dataset, or deployment procedure is attributed to the work when it is absent from the thesis [1].

III. Results

The report reports voucher details and receipt, issue, and stock-summary reports. These outputs show which parts of the stated task were analyzed or implemented for this case. The manuscript supports describing the selected functions and their relationship to the organization's workflow. It does not quantify business savings or validate the program against a complete transaction history. The result is therefore a student system or analysis with a defined scope, while broader operating effects remain for a later evaluation [1].

Supervisor: Đỗ Năng Thắng.

IV. Discussion

Materials and warehouse work requires traceable receipts, issues, and stock balances. The reported output addresses part of that problem by organizing the selected data and functions. The report does not quantify business savings or validate the program against a complete transaction history. Reconciliation with a complete set of physical and recorded stock movements would test practical accuracy. Those checks would clarify whether the design works beyond the examples and conditions described in the graduation thesis. The project remains useful as a documented case of requirements analysis and a corresponding software or analytical response [1]. Earlier ICTU undergraduate work by Vương Thị Thảo addressed warehouse and materials management software [8].

V. Conclusion

The student surveyed the materials workflow and built a subsystem around receipt and issue vouchers, and the report reports voucher details and receipt, issue, and stock-summary reports. This establishes a case-specific output for materials receipt, issue, and inventory records at Hai Binh. The manuscript does not quantify business savings or validate the program against a complete transaction history. Reconciliation with a complete set of physical and recorded stock movements would test practical accuracy. Accordingly, claims of routine adoption or measured organizational improvement remain outside the result demonstrated here [1].

References

[1] Phạm Thị Hương, "Materials Management Program for Hai Binh Co., Ltd. in Chua Hang, Dong Hy, Thai Nguyen," internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2014.
[2] Dương Quang Thiện (2005), Lập trình Visual C# như thế nào? Tập 1,2,3, NXB Tổng hợp Tp HCM
[3] Đông Thị Vân Hồng (2012), Giáo trình kế toán doanh nghiệp, NXB Lao động
[4] Phạm Hữu Khang, Đoàn Thiện Ngân (2008), SQL serverv2005- Lập trình nâng cao, NXB Lao động – Xã hội

[5] Phạm Huy Đoán (2010), Hướng dẫn thực hành kế toán doanh nghiệp vừa và nhỏ, NXB Tài chính
[6] Lê Thị Thanh Hải (2010), Giáo trình Kế toán doanh nghiệp dịch vụ, NXB Giáo dục
[7] Ngô Trung Việt (2010), Phát triển hệ thống thông tin, NXB Quốc gia Hà Nội
[8] Vương Thị Thảo, "Multi-Price Inventory Management at Nhan Trung Co., Ltd. in Bac Giang," internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2013.
[9] Phạm Thị Tuyến, "Materials Accounting Program for Truong Minh Co., Ltd. in Hanoi," internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2013.
[10] Võ Thị Ngân, "Materials Accounting Subsystem for the Hanoi Branch of Sao Tinh Co., Ltd.," internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2013.