Warehouse Management Program for Hung Phat Ha Bac Chemicals Joint Stock Company in Bac Giang

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***Abstract*—This undergraduate thesis addresses warehouse management at Hung Phat Ha Bac Chemicals. The student analyzed warehouse transactions and prepared a management program. The report presents a case-based warehouse design and selected program screens. 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 include a clear concluding field evaluation or measured stock-control benefit. Its practical value can be assessed further through the specific records and users involved in this task.**

***Index Terms*—warehouse management, C# programming, SQL database, inventory control, report generation, software development**

I. Introduction

Materials and warehouse work requires traceable receipts, issues, and stock balances. The organization in this thesis faced a concrete need concerning warehouse management at Hung Phat Ha Bac Chemicals. 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].

II. Methods

The student analyzed warehouse transactions and prepared a management program. 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 presents a case-based warehouse design and selected program screens. 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 include a clear concluding field evaluation or measured stock-control benefit. The result is therefore a student system or analysis with a defined scope, while broader operating effects remain for a later evaluation [1].

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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 include a clear concluding field evaluation or measured stock-control benefit. 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 inventory management software [6].

V. Conclusion

The student analyzed warehouse transactions and prepared a management program, and the report presents a case-based warehouse design and selected program screens. This establishes a case-specific output for warehouse management at Hung Phat Ha Bac Chemicals. The manuscript does not include a clear concluding field evaluation or measured stock-control benefit. 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

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