Cash Accounting Software for Tran Khiem Private Enterprise in Hanoi

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***Abstract*—This undergraduate project examines "Cash Accounting Software for Tran Khiem Private Enterprise in Hanoi." The thesis documents a cash-accounting program for Tran Khiem Private Enterprise, with receipt and payment records and related accounting functions. The author's conclusion says the program was completed within the student's limited experience and acknowledges shortcomings that still need correction. Accounting software must preserve vouchers and balances that can be checked against the source transactions. The thesis can therefore be cited as an initial accounting application. Correcting shortcomings and checking the program with complete business transactions would be necessary before assessing operational readiness. The work is reported within the scope supported by the original manuscript, without assuming an unrecorded deployment or quantitative benefit.**

***Index Terms*—cash accounting, C# programming, SQL Server, accounting software, private business, Hanoi**

I. Introduction

Accounting software must preserve vouchers and balances that can be checked against the source transactions. The thesis examines an organization's existing workflow and the information needed to support its selected task. It identifies a practical task, selects functions to study or build, and explains why the task matters to the organization concerned. The evidence for the project is its requirements analysis, design material, and described implementation. Intended advantages are distinguished from effects actually established in the manuscript [1]. Related earlier ICTU undergraduate theses provide context for this English summary [9]. Published books on the methods and subject of this project provide context for this English summary [10].

II. Methods

The student analyzed the selected case, described the relevant records and procedures, and prepared the design or program functions reported in the thesis. The design links input records to the updates, searches, reports, or other functions relevant to the task. Functional descriptions, diagrams, interfaces, and source conclusions are used where present to identify completed work. The manuscript is not treated as evidence of an additional user trial or dataset that it does not document [1].

Supervisor: Mai Ngọc Anh, Thai Nguyen University of Information and Communication Technology.

III. Results

The thesis documents a cash-accounting program for Tran Khiem Private Enterprise, with receipt and payment records and related accounting functions. The author's conclusion says the program was completed within the student's limited experience and acknowledges shortcomings that still need correction. It does not report a real-world field test or demonstrate that paper-based accounting was replaced in company operations. No measured time or cost savings are supplied. The supported result is a student software implementation of selected cash-accounting steps, together with the author's stated need for further improvement [1].

IV. Discussion

The thesis documents a cash-accounting program for Tran Khiem Private Enterprise, with receipt and payment records and related accounting functions. The author's conclusion says the program was completed within the student's limited experience and acknowledges shortcomings that still need correction. The reported functions can be interpreted against the original organizational need, but implementation alone does not establish every intended benefit. The thesis can therefore be cited as an initial accounting application. Correcting shortcomings and checking the program with complete business transactions would be necessary before assessing operational readiness. A later evaluation should reconcile the program's outputs with verified accounting records. The source provides a case study and a basis for later verification of completeness, reliability, and use [1]. Earlier ICTU undergraduate work by Nguyễn Văn Khương addressed cash transaction management software [8].

V. Conclusion

The student studied cash-accounting procedures at Tran Khiem and wrote a program to handle selected receipt and payment records. The source conclusion emphasizes the student's learning and notes that limited experience left errors and omissions. It does not establish practical deployment, replacement of paper records, or quantified efficiency gains. The thesis can therefore be cited as an initial accounting application. Correcting shortcomings and checking the program with complete business transactions would be necessary before assessing operational readiness [1].

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