Tangible Fixed Asset Accounting Program for Nguyen Phat Trading and Minerals Joint Stock Company in Cau Giay, Hanoi

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***Abstract*—This undergraduate project examines "Tangible Fixed Asset Accounting Program for Nguyen Phat Trading and Minerals Joint Stock Company in Cau Giay, Hanoi." The tangible fixed-asset accounting program for Nguyen Phat was designed from the company's accounting requirements and includes records for asset value, use, and depreciation. The source conclusion says the software was not fully completed and may still contain errors because of limited development and business experience. Accounting software must preserve vouchers and balances that can be checked against the source transactions. The thesis demonstrates a design and partial implementation, with clear need for further checking. Completion and testing against complete asset records would be required before the program could be considered a reliable accounting tool for routine use. The work is reported within the scope supported by the original manuscript, without assuming an unrecorded deployment or quantitative benefit.**

***Index Terms*—Fixed assets, Accounting, C#, SQL Server, Management, Depreciation**

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 [8], [9]. Published articles 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: Nguyễn Thị Bạch Tuyết.

III. Results

The tangible fixed-asset accounting program for Nguyen Phat was designed from the company's accounting requirements and includes records for asset value, use, and depreciation. The source conclusion says the software was not fully completed and may still contain errors because of limited development and business experience. It treats a more complete accounting application as future work. There is no documented installation into the company's official process or measured change in asset-management performance. The supported result is a partial student program and an enterprise-based requirements analysis [1].

IV. Discussion

The tangible fixed-asset accounting program for Nguyen Phat was designed from the company's accounting requirements and includes records for asset value, use, and depreciation. The source conclusion says the software was not fully completed and may still contain errors because of limited development and business experience. The reported functions can be interpreted against the original organizational need, but implementation alone does not establish every intended benefit. The thesis demonstrates a design and partial implementation, with clear need for further checking. Completion and testing against complete asset records would be required before the program could be considered a reliable accounting tool for routine use. 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 Lương Thị Lan addressed fixed-asset accounting software [7].

V. Conclusion

The student investigated tangible fixed-asset accounting at Nguyen Phat and prepared an application for the selected workflow. The original conclusion explicitly acknowledges unfinished software and possible errors. It does not establish

real company deployment or independent validation of depreciation and reports. The thesis demonstrates a design and partial implementation, with clear need for further checking. Completion and testing against complete asset records would be required before the program could be considered a reliable accounting tool for routine use [1].

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