# Cash Accounting Subsystem for G7 Financial Investment and Trading Joint Stock Company

Nguyễn Thị Quỳnh Như
Thai Nguyen University of Information and Communication Technology
Thai Nguyen University, Thai Nguyen, Vietnam
student369@ictu.edu.vn

***Abstract*—This undergraduate thesis addresses the cash-accounting subsystem at G7 Financial Investment and Trading. The student studied selected cash-accounting steps and developed a program based on the available tools. The report reports implementation of some principal subsystem functions. Accounting software must preserve vouchers and balances that can be checked against the source transactions. The documented contribution is the case analysis and the selected software or analytical work described in the manuscript. The report identifies password protection and further accounting features as work still needed. Its practical value can be assessed further through the specific records and users involved in this task.**

***Index Terms*—cash accounting, subsystem, G7 Investment and Trade, Microsoft Excel, accounting practices, field survey**

## I. Introduction

Accounting software must preserve vouchers and balances that can be checked against the source transactions. The organization in this thesis faced a concrete need concerning the cash-accounting subsystem at G7 Financial Investment and Trading. 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 studied selected cash-accounting steps and developed a program based on the available tools. 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 implementation of some principal subsystem functions. 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 identifies password protection and further accounting features as work still needed. The result is therefore a student system or analysis with a defined scope, while broader operating effects remain for a later evaluation [1].

Supervisor: Nguyễn Thu Hằng, Thai Nguyen University of Information and Communication Technology (nthangtmdt@ictu.edu.vn).

## IV. Discussion

Accounting software must preserve vouchers and balances that can be checked against the source transactions. The reported output addresses part of that problem by organizing the selected data and functions. The report identifies password protection and further accounting features as work still needed. A later evaluation should reconcile the program's outputs with verified accounting records. 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 Nguyễn Văn Khương addressed cash transaction management software [7].

## V. Conclusion

The student studied selected cash-accounting steps and developed a program based on the available tools, and the report reports implementation of some principal subsystem functions. This establishes a case-specific output for the cash-accounting subsystem at G7 Financial Investment and Trading. The manuscript identifies password protection and further accounting features as work still needed. A later evaluation should reconcile the program's outputs with verified accounting records. Accordingly, claims of routine adoption or measured organizational improvement remain outside the result demonstrated here [1].

## References

[1] Nguyễn Thị Quỳnh Như, "Cash Accounting Subsystem for G7 Financial Investment and Trading Joint Stock Company," internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2014.
[2] Phạm Công Anh (2005), Tin học cơ bản Microsoft Excel 2003, NXB Văn hóa thông tin
[3] Nguyễn Văn Ba (2004), Phân tích thiết kế hệ thống thông tin, NXB Đại học Quốc Gia Hà Nội, Hà Nội
[4] Ngô Thế Chi, Trương Thị Thủy (2003), Kế toán doanh nghiệp theo luật kế toán mới tài chính, NXB thống kê Hà Nội
[5] Nguyễn Văn Công (2005), Kế toán doanh nghiệp, NXB tài chính

[6] Bùi Văn Dương, Võ Văn Nhị (2007), Hướng dẫn thực hành sổ kế toán – Lập báo cáo tài chính và báo cáo thuế GTGT trên Excel , NXB Tài chính
[7] Nguyễn Văn Khương, ”Cash Collection Management Program for Pho Yen District State Treasury,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2013.