Online Business Accounting System for The Gioi Di Dong Joint Stock Company in Thai Nguyen

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***Abstract*—This undergraduate project examines "Online Business Accounting System for The Gioi Di Dong Joint Stock Company in Thai Nguyen." The thesis describes the analysis and installation of an online business-accounting system for The Gioi Di Dong in Thai Nguyen. Its main chapters cover the accounting context, a survey and system analysis, and program installation. Accounting software must preserve vouchers and balances that can be checked against the source transactions. It provides no measured comparison of accounting speed, accuracy, or business performance. This summary therefore treats the project as a student system design and implementation, with real-world effectiveness left to further testing and observation. The work is reported within the scope supported by the original manuscript, without assuming an unrecorded deployment or quantitative benefit.**

***Index Terms*—Python, PostgreSQL, ERP, Online Accounting, Thế Giới Di Động, Thái Nguyên**

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]. 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].

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III. Results

The thesis describes the analysis and installation of an online business-accounting system for The Gioi Di Dong in Thai Nguyen. Its main chapters cover the accounting context, a survey and system analysis, and program installation. The available source does not provide evidence that the system was integrated into the company's live operations or report a measured business outcome. The supported result is the documented student application and its design for the selected accounting workflow. Production integration and sustained use would require separate evidence not present in the manuscript [1].

IV. Discussion

The thesis describes the analysis and installation of an online business-accounting system for The Gioi Di Dong in Thai Nguyen. Its main chapters cover the accounting context, a survey and system analysis, and program installation. The reported functions can be interpreted against the original organizational need, but implementation alone does not establish every intended benefit. It provides no measured comparison of accounting speed, accuracy, or business performance. This summary therefore treats the project as a student system design and implementation, with real-world effectiveness left to further testing and observation. 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 Trần Thị Huệ addressed online retail website implementation [9].

V. Conclusion

The author investigated an online business-accounting system in the Thai Nguyen retail-company case and documented its analysis and program installation. The source notes the student's limited time and experience and does not establish a verified operational rollout. It provides no measured comparison of accounting speed, accuracy, or business performance. This summary therefore treats the project as a student system design and implementation, with real-world effectiveness left to further testing and observation [1].

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