Human Resources Management Software for Comprehensive Technology Solutions Joint Stock Company in Hanoi

Nguyễn Thị Hoa
Thai Nguyen University of Information and Communication Technology
Thai Nguyen University, Thai Nguyen, Vietnam
student335@ictu.edu.vn

***Abstract*—This undergraduate thesis addresses personnel records and related human-resource tasks at Comprehensive Technology Solutions. The student surveyed the personnel workflow and designed and wrote a management program. The report describes employee-record functions and an initial user interface. Personnel management depends on consistent employee records and clear update procedures. The documented contribution is the case analysis and the selected software or analytical work described in the manuscript. The report does not document a multi-computer stability trial or measured savings, and notes that further functions remain to be completed. Its practical value can be assessed further through the specific records and users involved in this task.**

***Index Terms*—human resources management, C# programming, SQL database, software development, employee information management, salary calculation**

I. Introduction

Personnel management depends on consistent employee records and clear update procedures. The organization in this thesis faced a concrete need concerning personnel records and related human-resource tasks at Comprehensive Technology Solutions. 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 surveyed the personnel workflow and designed and wrote 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].

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

III. Results

The report describes employee-record functions and an initial user interface. 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 document a multi-computer stability trial or measured savings, and notes that further functions remain to be completed. The result is therefore a student system or analysis with a defined scope, while broader operating effects remain for a later evaluation [1].

IV. Discussion

Personnel management depends on consistent employee records and clear update procedures. The reported output addresses part of that problem by organizing the selected data and functions. The report does not document a multi-computer stability trial or measured savings, and notes that further functions remain to be completed. Completeness of employee records and review by staff would be the next practical checks. 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 addressed personnel management software for a company [10].

V. Conclusion

The student surveyed the personnel workflow and designed and wrote a management program, and the report describes employee-record functions and an initial user interface. This establishes a case-specific output for personnel records and related human-resource tasks at Comprehensive Technology Solutions. The manuscript does not document a multi-computer stability trial or measured savings, and notes that further functions remain to be completed. Completeness of employee records and review by staff would be the next practical checks. Accordingly, claims of routine adoption or measured organizational improvement remain outside the result demonstrated here [1].

References

[1] Nguyễn Thị Hoa, ”Human Resources Management Software for Comprehensive Technology Solutions Joint Stock Company in Hanoi,” internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2014.

[2] Dương Quang Thiện, (2005), Lập trình visual c# như thế nào, tập 1, 2, 3, Nhà xuất bản

[3] Lê Văn Phùng, Nguyễn Văn Vy, (2000), Phân tích thiết kế hệ thống thông tin, Nhà xuất bản Hà Nội

[4] Mai Văn Cường - Phạm Nguyễn Cương (2003), Nhập môn cơ sở dữ liệu. Khoa CNTT- ĐHKHTN Tp Hồ Chí Minh

[5] Nguyễn Hữu Thân, (2008), Quản trị nhân sự, Nhà xuất bản lao động xã hội

[6] Nguyễn Ngọc Bình Phương, (2006), Các giải pháp lập trình c#, Nhà xuất bản giao thông vận tải

[7] Nguyễn Thị Đông, (2007), Giáo trình lý thuyết hạch toán kế toán, NXB tài chính

[8] Tiêu Kim Cương, (2004), Giáo trình ngôn ngữ lập trình C#, NXB giáo dục

[9] Trần Công Uẩn, (2005), Giáo trình cơ sở dữ liệu, Nhà xuất bản thống kê Hà Nội

[10] ICTU Student 127, ”Construction of Human Resource Management Program at Hoàng Anh Marine Industry Joint Stock Company - 03,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.