A Human-Resources Management Application for Hachitech Solution

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***Abstract*—This undergraduate thesis investigates a human-resources management application for a software company. The company needs a place to manage staff records, leave requests, attendance, work, and personnel policies. The student surveys personnel workflows and builds a Laravel website with Bootstrap-based screens for employees, positions, departments, schedules, leave, attendance, and administrative records. The conclusion reports implemented personnel-management functions. It also says the program is slow and incomplete, while reports, user permissions, and performance evaluation are planned for later work. The source does not document a production HR rollout, verified attendance accuracy, a privacy or security assessment, or measured workflow savings. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—human resources, Laravel, attendance, personnel management**

I. Introduction

The company needs a place to manage staff records, leave requests, attendance, work, and personnel policies. This thesis investigates a human-resources management application for a software company. It begins from a practical engineering need and explains the technologies and workflow chosen for the case. The objective is to document a student implementation or comparative investigation, together with the evidence available in the manuscript. Broader operational or economic effects require separate measurements and are not assumed from the existence of a prototype [1]. Earlier ICTU student work on related designs is included here for context [2], [3], [4], [5], [6], [7], [8], [9], [10]. These contextual works were selected for this English summary; they are not asserted to appear in the original thesis bibliography.

II. Methods

The student surveys personnel workflows and builds a Laravel website with Bootstrap-based screens for employees, positions, departments, schedules, leave, attendance, and administrative records. The source is summarized through its stated design, implementation material, examples, and conclusion. Features shown in the manuscript are distinguished from proposals for later development. This review does not add a new experiment, fill missing measurements with estimates, or treat a planned capability as an observed result. The source thesis remains the provenance for the reported work [1].

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III. Results

The conclusion reports implemented personnel-management functions. It also says the program is slow and incomplete, while reports, user permissions, and performance evaluation are planned for later work. The report's screens, configurations, examples, or measurements constitute the evidence for this summary. A capability described only as a design intention is not counted as a validated operational outcome. No additional performance, adoption, financial, or safety figure has been introduced here. The result is interpreted within the scope of the student's documented setup [1].

IV. Discussion

The source does not document a production HR rollout, verified attendance accuracy, a privacy or security assessment, or measured workflow savings. Further work could complete permissions and reporting, test record correctness and access controls, and gather user feedback in a controlled pilot. These limitations affect how the evidence should be read. The current manuscript can support understanding of the design and reported demonstration, while independent tests would be needed for stronger claims. Any later deployment should document its environment and separate observed outcomes from intended benefits [1].

V. Conclusion

The thesis documents a human-resources management application for a software company. The conclusion reports implemented personnel-management functions. It also says the program is slow and incomplete, while reports, user permissions, and performance evaluation are planned for later work. The source does not document a production HR rollout, verified attendance accuracy, a privacy or security assessment, or measured workflow savings. Further work could complete permissions and reporting, test record correctness and access controls, and gather user feedback in a controlled pilot. Accordingly, the present contribution is a source-grounded account of the student work and its tested or illustrated scope. Claims about broader effectiveness should be assessed in later work using explicit evaluation conditions [1].

References

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