A Rental Housing Listing Website for Thai Nguyen

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***Abstract*—This undergraduate thesis investigates a rental housing listing and search website for Thai Nguyen. People seeking accommodation need searchable listings and clear details from owners or managers. The student surveys rental-search needs, models user and administrator functions, and develops a PHP Laravel website for posting and searching rental homes. The manuscript includes survey graphics and website screens and reports a student prototype that supports rental listing and search. The conclusion identifies limited development time and incomplete performance refinement. It does not establish verified housing inventory, completed rentals, or real user adoption. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—rental housing, Thai Nguyen, Laravel, listing search**

I. Introduction

People seeking accommodation need searchable listings and clear details from owners or managers. This thesis investigates a rental housing listing and search website for Thai Nguyen. 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]. Related published studies provide context for the subject and methods [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 rental-search needs, models user and administrator functions, and develops a PHP Laravel website for posting and searching rental homes. 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 manuscript includes survey graphics and website screens and reports a student prototype that supports rental listing and search. 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 conclusion identifies limited development time and incomplete performance refinement. It does not establish verified housing inventory, completed rentals, or real user adoption. Further work could validate listing accuracy, test search and moderation with users, and evaluate optional payment or review features only after privacy checks. 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 rental housing listing and search website for Thai Nguyen. The manuscript includes survey graphics and website screens and reports a student prototype that supports rental listing and search. The conclusion identifies limited development time and incomplete performance refinement. It does not establish verified housing inventory, completed rentals, or real user adoption. Further work could validate listing accuracy, test search and moderation with users, and evaluate optional payment or review features only after privacy checks. 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].

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