A Fast Food Sales Website Built with Laravel

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***Abstract*—This undergraduate thesis investigates a Laravel website for selling fast food. A food retailer needs a simple online catalogue and ordering path. The student studies PHP and Laravel, sets up a development environment, and builds a website demo with product display, ordering, and favourite-item functions. The conclusion reports a working Laravel demo for these basic functions. It explicitly states that online payment was not implemented and that both customer and administrator interfaces need visual improvement. The source does not demonstrate completed paid orders, an operational restaurant deployment, or independently tested usability and reliability. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—fast food, Laravel, online ordering, sales website**

I. Introduction

A food retailer needs a simple online catalogue and ordering path. This thesis investigates a Laravel website for selling fast food. 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 studies PHP and Laravel, sets up a development environment, and builds a website demo with product display, ordering, and favourite-item functions. 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].

III. Results

The conclusion reports a working Laravel demo for these basic functions. It explicitly states that online payment was not implemented and that both customer and administrator interfaces need visual improvement. 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 demonstrate completed paid orders, an operational restaurant deployment, or independently tested usability and reliability. Further work could improve the interface, finish payment and order handling, and test the site with realistic products and customers. 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 Laravel website for selling fast food. The conclusion reports a working Laravel demo for these basic functions. It explicitly states that online payment was not implemented and that both customer and administrator interfaces need visual improvement. The source does not demonstrate completed paid orders, an operational restaurant deployment, or independently tested usability and reliability. Further work could improve the interface, finish payment and order handling, and test the site with realistic products and customers. 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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References

[1] Đinh Quang Thịnh, "A Fast Food Sales Website Built with Laravel," internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] Lã Quyết Tâm, "BUILDING A RESTAURANT MANAGEMENT SYSTEM USING THE LARAVEL FRAMEWORK," internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[3] Phạm Minh Hiếu, "Development of an Order Management Application for 1987 Hot Pot and Grill Restaurant," internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2023.

[4] Nguyễn Văn Hưng, ”Construction of an Online Food Ordering Application,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[5] ICTU Student 140, ”Development of a Restaurant Management Software for Khánh Linh Restaurant,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.
[6] Nguyễn Văn Thời, ”Application of Laravel Framework to Build an E-commerce Website for T&T Mobile Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[7] Bùi Quang Hiếu, ”BUILDING AN ONLINE SHOPPING WEBSITE FOR VNPC THAI NGUYEN,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[8] Ngô Quang Việt, ”Construction of a Shoe Sales Website for Duck Shop,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2022.
[9] Ngọ Văn Tùng, ”Construction of an Online Shopping Website for a Furniture Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[10] Trần Văn Khanh, ”Construction of a Furniture E-commerce Website for a Store in Vinh Phuc Using Laravel Framework,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2022.