# A Household Goods Sales Website for LT-Mart in Dinh Hoa

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***Abstract*—This undergraduate thesis investigates a household-goods sales website for LT-Mart in Dinh Hoa, Thai Nguyen. The shop needs a web catalogue and basic online ordering functions for household goods. The student analyses the sales workflow and builds a Laravel website with product browsing, a shopping cart, order checking, account functions, and administrator screens for product management. The manuscript illustrates the catalogue, cart, account, order, and product-management screens. Its conclusion says that basic functions were built and were still being tested; it does not claim a finished commercial service. The source does not document live shop transactions, measured conversion or revenue, or independent security and usability testing. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—Laravel, household goods, e-commerce, LT-Mart**

## I. Introduction

The shop needs a web catalogue and basic online ordering functions for household goods. This thesis investigates a household-goods sales website for LT-Mart in Dinh Hoa, 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], [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 analyses the sales workflow and builds a Laravel website with product browsing, a shopping cart, order checking, account functions, and administrator screens for product management. 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 illustrates the catalogue, cart, account, order, and product-management screens. Its conclusion says that basic functions were built and were still being tested; it does not claim a finished commercial service. 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 live shop transactions, measured conversion or revenue, or independent security and usability testing. Further work could complete the unfinished functions and evaluate order correctness, usability, and performance with realistic shop data. 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 household-goods sales website for LT-Mart in Dinh Hoa, Thai Nguyen. The manuscript illustrates the catalogue, cart, account, order, and product-management screens. Its conclusion says that basic functions were built and were still being tested; it does not claim a finished commercial service. The source does not document live shop transactions, measured conversion or revenue, or independent security and usability testing. Further work could complete the unfinished functions and evaluate order correctness, usability, and performance with realistic shop data. 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

[1] Hà Quang Uy, "A Household Goods Sales Website for LT-Mart in Dinh Hoa," internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] Trần Thanh Tú, ”Clothing Sales Website for Ha My Store in Thai Nguyen,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2014.
[3] 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.
[4] Nguyễn Văn Thuận, ”Construction of an Introduction and Clothing Sales Website for Duy Shop in Thai Nguyen,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[5] Ngô Quang Việt, ”Construction of a Shoe Sales Website for Duck Shop,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2022.
[6] Bùi Quang Hiếu, ”BUILDING AN ONLINE SHOPPING WEBSITE FOR VNPC THAI NGUYEN,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[7] Nịnh Thị Oanh, ”Development of a Computer Accessories Sales Website for Hoàng Tú Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[8] 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.
[9] Phạm Văn Hoàng, ”Construction of an E-commerce Website for Nhật Minh Mobile,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[10] Trần Thị Hải Yến, ”Development of a Product Website for Co Tra Eatery in Thai Nguyen,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2023.