# KidolShop: An E-Commerce System for Children's Fashion

Nguyễn Đinh Thiên Đức
Thai Nguyen University of Information and Communication Technology
Thai Nguyen University, Thai Nguyen, Vietnam
student578@ictu.edu.vn

***Abstract*—This undergraduate thesis investigates an e-commerce website for children's fashion under the name KidolShop. A clothing store needs online product presentation and basic customer and administrator workflows. The student designs a website using Laravel MVC, MySQL, Bootstrap, Ajax, and related web technologies. The thesis documents the major user groups and their required website functions. The conclusion states that the main requirements for the intended user groups were implemented. It identifies limited mobile and tablet optimization and a shortage of popular online payment methods such as MoMo and ZaloPay. The source does not demonstrate live sales, verified payment processing, or tested usability on a representative range of devices. The project remains a student application. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—KidolShop, children's fashion, Laravel, e-commerce**

## I. Introduction

A clothing store needs online product presentation and basic customer and administrator workflows. This thesis investigates an e-commerce website for children's fashion under the name KidolShop. 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 designs a website using Laravel MVC, MySQL, Bootstrap, Ajax, and related web technologies. The thesis documents the major user groups and their required website 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].

Supervisor: Bùi Anh Tú, Thai Nguyen University of Information and Communication Technology (batu@ictu.edu.vn).

## III. Results

The conclusion states that the main requirements for the intended user groups were implemented. It identifies limited mobile and tablet optimization and a shortage of popular online payment methods such as MoMo and ZaloPay. 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 live sales, verified payment processing, or tested usability on a representative range of devices. The project remains a student application. Further work could improve responsive layouts, test order handling and payment integration, and assess use with realistic store 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 an e-commerce website for children's fashion under the name KidolShop. The conclusion states that the main requirements for the intended user groups were implemented. It identifies limited mobile and tablet optimization and a shortage of popular online payment methods such as MoMo and ZaloPay. The source does not demonstrate live sales, verified payment processing, or tested usability on a representative range of devices. The project remains a student application. Further work could improve responsive layouts, test order handling and payment integration, and assess use with realistic store 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] Nguyễn Đinh Thiên Đức, ”KidolShop: An E-Commerce System for Children’s Fashion,” internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] ICTU Student 147, ”Construction of a Website for Children’s Merchandise Shop Hùng Vương,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.

[3] 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.

[4] 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.

[5] 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.

[6] 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.

[7] 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.

[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] Phạm Đình Tùng, ”Construction of a Mobile Phone E-commerce Website for Tùng Shop,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[10] Trần Duy Nam, ”Construction of an Online Shopping Website for Makima Fashion Store with a Korean Style,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2023.