Design and Development of a Shoe Sales Website for KTShop

Nguyễn Khánh Toàn
Thai Nguyen University of Information and Communication Technology
Thai Nguyen University, Thai Nguyen, Vietnam
student583@ictu.edu.vn

***Abstract*—This undergraduate thesis investigates a shoe-sales website for KTShop. A shoe retailer needs a web catalogue and a basic route for customers to examine products. The student designs a website using HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL. The thesis describes the interface, database, and local development using XAMPP. The conclusion states that the student website and report were completed, while acknowledging that advanced content needs more time. It does not give verified sales figures or a measured comparison with other retail sites. Claims about smooth experience and scalability are the author's qualitative assessment. The report does not present a formal performance test, usability study, or evidence of routine operation by KTShop. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—shoe sales, KTShop, PHP, MySQL**

I. Introduction

A shoe retailer needs a web catalogue and a basic route for customers to examine products. This thesis investigates a shoe-sales website for KTShop. 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 HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL. The thesis describes the interface, database, and local development using XAMPP. 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: Đinh Khánh Linh, Thai Nguyen University of Information and Communication Technology (dklinh@ictu.edu.vn).

III. Results

The conclusion states that the student website and report were completed, while acknowledging that advanced content needs more time. It does not give verified sales figures or a measured comparison with other retail sites. 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

Claims about smooth experience and scalability are the author's qualitative assessment. The report does not present a formal performance test, usability study, or evidence of routine operation by KTShop. Further work could test the complete ordering path, product-data consistency, mobile layout, and response times under realistic traffic. 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 shoe-sales website for KTShop. The conclusion states that the student website and report were completed, while acknowledging that advanced content needs more time. It does not give verified sales figures or a measured comparison with other retail sites. Claims about smooth experience and scalability are the author's qualitative assessment. The report does not present a formal performance test, usability study, or evidence of routine operation by KTShop. Further work could test the complete ordering path, product-data consistency, mobile layout, and response times under realistic traffic. 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 Khánh Toàn, ”Design and Development of a Shoe Sales Website for KTShop,” internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] Nguyễn Đức Tuyên, ”Construction of an Online Shoe Sales Website Based on the MVC Model,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[3] Ngô Quang Việt, ”Construction of a Shoe Sales Website for Duck Shop,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2022.

[4] 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.

[5] Đinh Tiến Tùng, ”Construction of an E-commerce Website for Laptop Sales for Hoang Anh-Bac Giang Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[6] Lê Văn Tinh, ”Construction of an Online Clothing Sales Website for Trang Vu Clothing,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[7] Bùi Đức Khang, ”Construction of a Website for a Technology Product Shop Using PHP,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2022.

[8] ICTU Student 182, ”Analysis and Design of an E-commerce Website for Computer Products - Introduction and Sales for H3T Corporation,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2010.

[9] Dương Văn Toán, ”Development of an Online Book Catalog and Sales System,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[10] 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.