A PHP Website for Laptop Sales and Product Information

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***Abstract*—This undergraduate thesis investigates a PHP website for laptop sales and product information. Laptop buyers need catalogue browsing, order placement, and a way to retrieve order information. The student models the store processes using MVC and implements customer pages for browsing, search, ordering, and order lookup, alongside administrator screens for products, suppliers, stock, orders, and statistics. The manuscript illustrates the customer and administrator interfaces and reports completion of the principal simulated sales workflow. The source calls the website a small simulation, notes incomplete responsive design, and lists online payment as future work. It does not document actual sales, verified stock accuracy, or production security testing. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—PHP, laptop sales, MVC, online catalogue**

I. Introduction

Laptop buyers need catalogue browsing, order placement, and a way to retrieve order information. This thesis investigates a PHP website for laptop sales and product information. 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 models the store processes using MVC and implements customer pages for browsing, search, ordering, and order lookup, alongside administrator screens for products, suppliers, stock, orders, and statistics. 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 customer and administrator interfaces and reports completion of the principal simulated sales workflow. 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 calls the website a small simulation, notes incomplete responsive design, and lists online payment as future work. It does not document actual sales, verified stock accuracy, or production security testing. Further work could make layouts responsive, test order and inventory consistency, and integrate payment only after a secure transaction design. 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 PHP website for laptop sales and product information. The manuscript illustrates the customer and administrator interfaces and reports completion of the principal simulated sales workflow. The source calls the website a small simulation, notes incomplete responsive design, and lists online payment as future work. It does not document actual sales, verified stock accuracy, or production security testing. Further work could make layouts responsive, test order and inventory consistency, and integrate payment only after a secure transaction design. 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] Dương Đình Thuận, ”A PHP Website for Laptop Sales and Product Information,” internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] 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.

[3] 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.

[4] Nguyễn Văn Nam, ”Construction of an Electronic Components Sales Website for Quang Minh Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.

[5] Nguyễn Văn Điệp, ”Construction of an Online Bookstore Website for Thai Nguyen Book and Equipment Company,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.

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

[7] Nguyễn Thị Bích Liên, ”Product Promotion and Online Sales Website for Tribeco Northern Vietnam Co., Ltd. in Hung Yen,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2013.

[8] 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.

[9] ICTU Student 122, ”Construction of an Online Sales Management Program,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.

[10] 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.