A Shoe Sales Website for Hoang Tan Stores in Thai Nguyen

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***Abstract*—This undergraduate thesis investigates a shoe-sales website for the Hoang Tan store system in Thai Nguyen. A multi-store retailer needs online product presentation, ordering, and stock oversight. The student reviews relevant retail websites and develops a Laravel-based e-commerce prototype. The thesis describes account registration, login, a shopping cart, product delivery functions, inventory and order views, revenue reports, and invoice export. The conclusion says most basic e-commerce functions were implemented and the interface met the project objective. It describes performance as acceptable for the prototype, while acknowledging that the site cannot be compared with major commercial platforms and that further functions are needed. The source provides no independent benchmark, real transaction volume, or proof that the site was deployed across all stores. Claims about visual quality are the author's own assessment. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—shoe sales, Laravel, e-commerce, inventory**

I. Introduction

A multi-store retailer needs online product presentation, ordering, and stock oversight. This thesis investigates a shoe-sales website for the Hoang Tan store system in 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 reviews relevant retail websites and develops a Laravel-based e-commerce prototype. The thesis describes account registration, login, a shopping cart, product delivery functions, inventory and order views, revenue reports, and invoice export. 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 conclusion says most basic e-commerce functions were implemented and the interface met the project objective. It describes performance as acceptable for the prototype, while acknowledging that the site cannot be compared with major commercial platforms and that further functions are needed. 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 provides no independent benchmark, real transaction volume, or proof that the site was deployed across all stores. Claims about visual quality are the author's own assessment. Further work could test concurrent orders, verify warehouse updates and invoices, and evaluate usability and response time 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 a shoe-sales website for the Hoang Tan store system in Thai Nguyen. The conclusion says most basic e-commerce functions were implemented and the interface met the project objective. It describes performance as acceptable for the prototype, while acknowledging that the site cannot be compared with major commercial platforms and that further functions are needed. The source provides no independent benchmark, real transaction volume, or proof that the site was deployed across all stores. Claims about visual quality are the author's own assessment. Further work could test concurrent orders, verify warehouse updates and

invoices, and evaluate usability and response time 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].

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