A Website for Online Shoe Sales

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***Abstract*—This undergraduate thesis investigates an online shoe-sales website. Customers need product information and a simple route to browse and select shoes online. The student analyzes a retail website and develops a web application using HTML, CSS, JavaScript, and Python. The report presents system design and implemented website screens. The conclusion states that a basic shoe-sales website was designed and installed. It also says that time and experience were insufficient to complete the site for real operation. The manuscript does not establish secure checkout, measured sales, performance under load, or deployment for actual customers. The implemented student site should be read as a prototype. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—shoe store, e-commerce, web development, Python**

I. Introduction

Customers need product information and a simple route to browse and select shoes online. This thesis investigates an online shoe-sales website. 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 analyzes a retail website and develops a web application using HTML, CSS, JavaScript, and Python. The report presents system design and implemented website screens. 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 states that a basic shoe-sales website was designed and installed. It also says that time and experience were insufficient to complete the site for real operation. 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 manuscript does not establish secure checkout, measured sales, performance under load, or deployment for actual customers. The implemented student site should be read as a prototype. Future development could complete missing storefront functions, test checkout and administration, and evaluate usability with shoppers before production use. 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 online shoe-sales website. The conclusion states that a basic shoe-sales website was designed and installed. It also says that time and experience were insufficient to complete the site for real operation. The manuscript does not establish secure checkout, measured sales, performance under load, or deployment for actual customers. The implemented student site should be read as a prototype. Future development could complete missing storefront functions, test checkout and administration, and evaluate usability with shoppers before production use. 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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