A Laptop Store Sales Website

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***Abstract*—This undergraduate thesis investigates a sales website for a laptop store. A laptop retailer needs a catalogue and manageable product records for online customers. The student studies an MVC web architecture and SQL Server, specifies sales functions, and implements a store website with basic product management and user-facing screens. The source reports a basic website with add, edit, and delete functions and a usable interface. Its conclusion says that functions remain limited and the code has not been optimized. The source does not show real store deployment, validated sales transactions, independent security testing, or performance measurements. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—laptop sales, web application, MVC, SQL Server**

I. Introduction

A laptop retailer needs a catalogue and manageable product records for online customers. This thesis investigates a sales website for a laptop store. 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 studies an MVC web architecture and SQL Server, specifies sales functions, and implements a store website with basic product management and user-facing 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].

III. Results

The source reports a basic website with add, edit, and delete functions and a usable interface. Its conclusion says that functions remain limited and the code has not been optimized. 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 show real store deployment, validated sales transactions, independent security testing, or performance measurements. Further work could complete the purchase workflow, improve security and maintainability, and measure performance with realistic catalogue 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 sales website for a laptop store. The source reports a basic website with add, edit, and delete functions and a usable interface. Its conclusion says that functions remain limited and the code has not been optimized. The source does not show real store deployment, validated sales transactions, independent security testing, or performance measurements. Further work could complete the purchase workflow, improve security and maintainability, and measure performance with realistic catalogue 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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