A ReactJS Sales Website for Sago Seafood Store

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***Abstract*—This undergraduate thesis investigates a ReactJS sales website for Sago seafood store. A small seafood seller needs a product catalogue, customer accounts, order management, and reporting views. The student develops customer and administrator interfaces with ReactJS and documents product categories, account details, cart and checkout screens, order management, and statistics. The manuscript shows interface screens and reports implementation of database-backed product management and reporting in the student website. Some conclusion text refers to electronic goods despite the seafood title, so the summary follows the source cover and demonstrated screens. The source does not establish actual online transactions, verified revenue figures, or offline operation. The contribution is a documented student study or prototype whose stated scope can guide further testing.**

***Index Terms*—ReactJS, seafood sales, e-commerce, order management**

I. Introduction

A small seafood seller needs a product catalogue, customer accounts, order management, and reporting views. This thesis investigates a ReactJS sales website for Sago seafood 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 develops customer and administrator interfaces with ReactJS and documents product categories, account details, cart and checkout screens, order management, 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 shows interface screens and reports implementation of database-backed product management and reporting in the student website. 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

Some conclusion text refers to electronic goods despite the seafood title, so the summary follows the source cover and demonstrated screens. The source does not establish actual online transactions, verified revenue figures, or offline operation. Further work could test a complete seafood ordering workflow, improve interface responsiveness, and validate payment integration before live 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 a ReactJS sales website for Sago seafood store. The manuscript shows interface screens and reports implementation of database-backed product management and reporting in the student website. Some conclusion text refers to electronic goods despite the seafood title, so the summary follows the source cover and demonstrated screens. The source does not establish actual online transactions, verified revenue figures, or offline operation. Further work could test a complete seafood ordering workflow, improve interface responsiveness, and validate payment integration before live 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].

References

[1] Trần Văn Sỹ, "A ReactJS Sales Website for Sago Seafood Store," internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2024.

[2] Kiều Hoàng Phúc, ”Construction of an Online Clothing Store Website Using Reactjs for Hoang Minh Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2023.
[3] Lô Khánh Hòa, ”Construction of an Online Clothing Store Website for Ilike Store,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[4] Lưu Xuân Chiến, ”Construction of a Bookstore Website for Minh Sang Bookstore,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2023.
[5] 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.
[6] Phùng Công Đoàn, ”Development of an Electronics Sales Website Using Spring Boot,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2023.
[7] Nguyễn Văn Hưng, ”Construction of an Online Food Ordering Application,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2021.
[8] ICTU Student 143, ”Construction of a Sales Website for HITECH Company,” internal undergraduate thesis, Thai Nguyen University of Information and Communication Technology, 2009.
[9] 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.
[10] 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.