Sales Website for Viet Thai Trading and Tourism Co., Ltd.

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***Abstract*—This thesis focuses on the development of a sales website for Viet Thai Trading and Tourism Co., Ltd., a joint stock company in Vietnam. The study covers the theoretical foundations of websites and e-commerce, system design analysis, and the development of the website functionalities. The website includes member registration, product categorization, search, shopping cart, and customer feedback. The research highlights the importance of e-commerce and the need for companies to have a well-designed website to reach a global market. Future development directions include enhancing security, expanding product offerings, and integrating with payment systems. The study provides a foundation for future development and improvement of the website.**

***Index Terms*—website, e-commerce, UML, system design, sales**

I. Introduction

The thesis explores the construction of a sales website for Viet Thai Trading and Tourism Co., Ltd., a joint stock company in Vietnam. The study emphasizes the importance of e-commerce in modern business and the need for companies to have a website to reach a global market. The research covers theoretical foundations, system design, and the development of website functionalities. The website is designed to enhance the company's online presence and facilitate global trade. The study aims to provide a comprehensive understanding of e-commerce and its implementation in a real-world business context [1]. Published books on the methods and subject of this project provide context for this English summary [7], [8], [9].

II. Methods

The methods section discusses the theoretical foundations of websites and e-commerce, including website classification, design tools, and UML (Unified Modeling Language) for system modeling. The thesis also includes a system analysis and design, detailing use cases, class diagrams, and activity diagrams. The website functionalities were developed using UML for system modeling and development. The study covers the development of member registration, product categorization, search, shopping cart, and customer feedback features. The research also addresses the importance of e-commerce and the need for a well-designed website to enhance business operations [1].

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III. Results

The results include the development of a website with functionalities such as member registration, product categorization, search, shopping cart, and customer feedback. The website was designed using UML for system modeling and development. The website allows customers to register as members, browse and categorize products, search for specific items, add items to a shopping cart, and provide feedback. The study did not include any measured evaluation of the website's performance or user experience. Future development directions include enhancing security, expanding product offerings, and integrating with payment systems [1].

IV. Discussion

The discussion focuses on the importance of e-commerce and the need for a well-designed website to enhance business operations. The study highlights the benefits of e-commerce, such as global reach and 24/7 availability. The website developed in this study provides a platform for Viet Thai Trading and Tourism Co., Ltd. to reach a global market and facilitate online sales. The research also addresses the challenges of implementing e-commerce, such as security concerns and the need for continuous improvement. Future development directions include enhancing security, expanding product offerings, and integrating with payment systems [1]. Earlier ICTU undergraduate work by Phạm Tuấn Hải addressed online retail website architecture [6].

V. Conclusion

The conclusion reiterates the importance of e-commerce and the need for companies to have a well-designed website. The study provides a foundation for future development and improvement of the website. The website developed in this study includes member registration, product categorization, search, shopping cart, and customer feedback functionalities. The research highlights the benefits of e-commerce and the need for companies to adapt to the digital age. The study provides valuable insights into the implementation of e-commerce in a real-world business context [1].

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