Development of a Computer Accessories Sales Website for Hoàng Tú Store

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***Abstract*—This thesis presents the development of an e-commerce website for selling computer accessories, focusing on the PHP language and Laravel framework. The author, Ninh Thi Oanh, completed the project within the required timeframe, ensuring a user-friendly interface and easy customer access. The work includes detailed design and implementation of various website pages, such as product listings, shopping cart, and administrative interfaces. The website was developed to meet the specific needs of Hoang Tu Store, a computer accessory retailer. The project was completed on schedule, and the website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. Future work could include integrating online payment systems, linking with delivery services, and enhancing customer service through video calls.**

***Index Terms*—PHP, Laravel, e-commerce, website, computer accessories, Hoang Tu store**

I. Introduction

The thesis introduces the PHP programming language and the Laravel framework, discussing their history, features, and advantages. It also outlines the requirements and design of the e-commerce website for a computer accessory store, Hoang Tu. The author, Ninh Thi Oanh, a student in the KTPM K15A class, was guided by ThS. Nguyen Hong Tan. The project aimed to develop a website that would facilitate the sale of computer accessories, catering to the specific needs of Hoang Tu Store. The website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. The project was completed within the specified timeframe, and the website was successfully developed to meet the requirements of the thesis [1]. Related earlier ICTU undergraduate theses provide context for this English summary [2], [3]. Official technical documentation listed by the original thesis provides implementation context [4], [5]. Published articles on the methods and subject of this project provide context for this English summary [6], [7]. Published books on the methods and subject of this project provide context for this English summary [8], [9].

II. Methods

The author utilized PHP and Laravel to develop the website, designing and implementing various pages including the homepage, product details, shopping cart, and administrative interfaces. The project was completed within the specified timeframe, and the website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. The development process involved creating a user-friendly interface, implementing product listings, and integrating a shopping cart system. The administrative interfaces were designed to allow for easy management of the website's content and operations. The project was completed on schedule, and the website was designed to meet the specific needs of Hoang Tu Store, a computer accessory retailer [1].

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III. Results

The website was successfully developed, meeting the requirements of the thesis. It was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. The project was completed on schedule, and the website was designed to meet the specific needs of Hoang Tu Store, a computer accessory retailer. The website included various pages such as product listings, shopping cart, and administrative interfaces. The project did not include any measured evaluation or deployment, and there were no reported test passes or participant evaluations. The website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. The project was completed on schedule, and the website was designed to meet the specific needs of Hoang Tu Store, a computer accessory retailer [1].

IV. Discussion

The thesis discusses the benefits of using PHP and Laravel for web development, particularly in the context of an e-commerce website. It highlights the ease of use and the ability to meet the specific needs of the Hoang Tu store. The project was completed on schedule, and the website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. The website included various pages such as product listings, shopping cart, and administrative interfaces. The project did not include any measured evaluation or deployment, and there were no reported test passes or participant evaluations. The thesis emphasizes the importance of user-friendly interfaces and easy management of website content and operations. The project was completed on schedule, and the website was designed to meet the specific needs of Hoang Tu Store, a computer accessory retailer [1].

V. Conclusion

The project successfully developed a user-friendly e-commerce website for selling computer accessories. Future work could include integrating online payment systems, linking with delivery services, and enhancing customer service through video calls. The project was completed on schedule, and the website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces. The website included various pages such as product listings, shopping cart, and administrative interfaces. The project did not include any measured evaluation or deployment, and there were no reported test passes or participant evaluations. The website was designed to meet the specific needs of Hoang Tu Store, a computer accessory retailer. The project was completed on schedule, and the website was designed to be user-friendly and accessible to customers, with easy-to-manage administrative interfaces [1].

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