Construction of an Introduction and Clothing Sales Website for Duy Shop in Thai Nguyen

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***Abstract*—This thesis presents the construction of a website for introducing and selling clothing for Duy Shop in Thai Nguyen. The author utilized the Laravel PHP framework to develop a demo website, focusing on the theoretical background, system analysis, and the creation of a prototype. The project highlights the use of Laravel for web development and the challenges faced during the implementation. The thesis also discusses the limitations of the project, such as the need to improve the admin interface and the need for further development to improve the overall functionality of the system.**

***Index Terms*—Laravel, PHP, web development, framework, Duy Shop**

I. Introduction

The thesis introduces the Laravel PHP framework and its advantages for web development. The author explains the structure and processing flow within Laravel, as well as the basic components and libraries used for website design. The project aims to create a website for Duy Shop in Thai Nguyen, focusing on both theoretical knowledge and practical implementation. The author acknowledges the importance of continuous improvement and the application of the developed system in real-world scenarios [1].

II. Methods

The author utilized the Laravel PHP framework to develop a demo website for Duy Shop. The project involved analyzing the current state of the problem, designing the system's functional requirements, and creating a prototype. The author also referenced several books and online resources to support the development process. The thesis details the steps taken to set up the Laravel environment, including the installation of XAMPP and the configuration of the Laravel project. The author designed the website's structure and implemented the necessary functionalities, such as product display, user registration, and product purchase [1].

III. Results

The thesis demonstrates the development of a demo website for Duy Shop, including a homepage and product display. However, the project faced limitations such as a limited number of products, an admin interface requiring visual improvement, and incomplete programming knowledge, resulting in a less-than-ideal final product. The author implemented basic functionalities, such as user registration and product display, but the author identified the admin interface as needing visual improvement [1].

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IV. Discussion

The author acknowledges the limitations of the project, including the need to improve the admin interface and the need for further development. The thesis emphasizes the importance of continuous improvement and the application of the developed system in real-world scenarios. The author suggests that the prototype could be further developed to include more comprehensive features, such as a fully functional admin panel, advanced user management, and payment integration [1].

V. Conclusion

The author concludes that the project successfully applied the Laravel framework to create a demo website for Duy Shop. However, the project highlights the need for further development to address the identified limitations and improve the overall functionality of the system. The author emphasizes the importance of continuous improvement and the application of the developed system in real-world scenarios. The source conclusion specifically reports product display, ordering, and commenting in the demonstration and identifies the admin interface's appearance as an area for improvement [1].

References

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