Construction of an Electronic Newspaper Website for the Thai Nguyen Newspaper

ICTU Student 30
Thai Nguyen University of Information and Communication Technology
Thai Nguyen University, Thai Nguyen, Vietnam

***Abstract*—This thesis focuses on the development of an electronic newspaper website for the Thai Nguyen Newspaper. The project aimed to create a user-friendly platform for managing information and providing news to readers, while acknowledging limitations in data structure optimization and potential errors. The website included keyword-marked content, internal communication channels, and diverse feedback mechanisms. The author used PHP and MySQL for web development and continuously updated the program with new Joomla versions to leverage their features. The project faced challenges due to the complexity of network programming and the need to meet high user demands. The author hopes for feedback to improve the program's practical application.**

***Index Terms*—PHP, MySQL, Joomla, electronic newspaper, web development**

I. Introduction

The development of the internet and web technology has led to the creation of various websites that support user needs. However, the complexity of network programming and increasing user demands pose significant challenges for developers. This thesis aims to build an electronic newspaper website for the Thai Nguyen Newspaper, focusing on user management and news provision. The project acknowledges limitations in data structure optimization and potential errors. The author conducted a thorough analysis of the current system, identified system and non-system requirements, and designed a user-friendly platform to serve the people of Thai Nguyen and readers in general. [1]

II. Methods

The project analyzed and designed a system for the electronic newspaper website, using PHP and MySQL for web development. The author conducted a survey of the current system, analyzed the organizational structure, and identified system and non-system requirements. The project also aimed to continuously update and upgrade the program with new Joomla versions to leverage their features. The implementation included keyword-marked content, internal communication channels, and diverse feedback mechanisms. The author hoped to receive feedback to improve the program's practical application. [1]

Supervisor: Lê Anh Tú, Thai Nguyen University of Information and Communication Technology (latuhtttkt@ictu.edu.vn).

III. Results

The developed website included keyword-marked content, internal communication channels, and diverse feedback mechanisms. It was intended to be user-friendly and continuously updated with new Joomla versions to enhance functionality. However, the project faced challenges due to the complexity of network programming and the need to meet high user demands. The author acknowledged that the program was not fully optimized and could still contain errors. The website was intended to serve the people of Thai Nguyen and readers in general, but no specific evaluation metrics were provided. [1]

IV. Discussion

The thesis discusses the benefits of electronic newspapers over traditional print newspapers, such as increased readership and the ability to update content in real-time. It also highlights the importance of user feedback for improving the website's practical application. The author emphasizes the need for continuous improvement and the importance of user engagement in the development process. The project aimed to create a high-quality electronic newspaper website to serve the people of Thai Nguyen and readers in general, with the hope of receiving feedback to further improve the program. [1]

V. Conclusion

The author thanks the Computer Science Department and instructors for their support and guidance. The project aimed to create a high-quality electronic newspaper website to serve the people of Thai Nguyen and readers in general, with the hope of receiving feedback to further improve the program. The author acknowledges the limitations of the project and hopes for future improvements. The project utilized PHP, MySQL, and Joomla to develop a user-friendly platform for managing information and providing news to readers. [1]

References

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