Construction of an Online Buying and Classifieds Information Portal for the Hoang Tran Communication and Entertainment Company

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***Abstract*—This thesis describes the development of an online buying and classifieds information portal for the Hoang Tran Communication and Entertainment Company. The project was carried out during the author's internship at the company and involved the use of Java, JSP, Oracle, and AJAX. The portal was tested and found to be stable on the domain www.daoquanhthituong.com. The author discusses the integration of Java, JSP, Oracle, and AJAX, highlighting the potential for future applications of AJAX in web development and the portal's potential to evolve into a commercial website with advertising policies. The portal includes features such as user registration, product listings, and classifieds, and the implementation of AJAX allows for dynamic updates without page reloads, enhancing user experience.**

***Index Terms*—Java, JSP, Oracle, AJAX, CSS, Web Development**

I. Introduction

The thesis provides an in-depth overview of Java and JSP, including basic structures, control statements, and class inheritance. It also covers Oracle database management, including basic functions, client/server technology, and PL/SQL. The integration of Oracle with JSP and the use of AJAX and CSS are also discussed. The author explains the importance of these technologies in web development and their potential for future applications, such as dynamic web content and database management. [1]

II. Methods

The methods section covers the use of Java, JSP, Oracle, and AJAX to develop an online buying and classifieds portal. The portal was tested on the domain www.daoquanhthituong.com during the author's internship at the Hoang Tran Communication and Entertainment Company. The author describes the implementation of Java and JSP for server-side scripting, the use of Oracle for database management, and the integration of AJAX for dynamic web content. The CSS was used for styling the portal. The portal includes features such as user registration, product listings, and classifieds, and the implementation of AJAX allows for dynamic updates without page reloads, enhancing user experience. [1]

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III. Results

The portal was found to be stable and functional during testing. The author reports that the portal included features such as user registration, product listings, and classifieds. The implementation of AJAX allowed for dynamic updates without page reloads, enhancing user experience. The portal was tested on the domain www.daoquanhthituong.com, and the author notes that it was operational and accessible. The portal's stability and functionality indicate its potential for future development into a commercial website with advertising policies. [1]

IV. Discussion

The thesis discusses the integration of Java, JSP, Oracle, and AJAX to develop an online buying and classifieds portal. The author suggests that AJAX could be applied to various web applications in the future and that the portal could be upgraded to a commercial website. The author highlights the potential for the portal to evolve into a platform for advertising and commerce, with the ability to implement advertising policies and generate revenue. The use of these technologies in the portal demonstrates their effectiveness in creating dynamic and user-friendly web applications. [1]

V. Conclusion

The thesis concludes that the portal was successfully developed and tested during the author's internship. The author emphasizes the importance of the technologies used and their potential for future applications, such as dynamic web content and database management. The portal was found to be stable and functional, and the author suggests that it could be further developed into a commercial website with advertising policies. [1]

References

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