Website for Advising on and Booking Domestic Tours

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***Abstract*—This thesis focuses on the development of a website for advising and booking domestic tourism tours. The project includes the design and implementation of various web pages such as the home page, introduction, news, tour introduction, search results, tour information, booking, and tour scheduling. The website is designed to be user-friendly, providing comprehensive and accurate information about domestic tours, allowing customers to book tours in advance. The thesis also outlines future development directions, including the addition of more tour options, enhanced search functions, and integration with banking and credit card systems for online payments. The website successfully meets the needs of both customers and tour operators, offering a comprehensive platform for customers to explore and book domestic tours. However, the project faces limitations due to time and experience constraints, which prevent the completion of certain functionalities.**

***Index Terms*—website, tourism, booking, UML, database**

I. Introduction

In today's digital age, the application of information technology and computerization is crucial for governments, organizations, and companies. Websites are increasingly important tools for disseminating information and enhancing customer engagement. This thesis aims to develop a website for advising and booking domestic tourism tours, providing a user-friendly platform for customers to choose and book tours. The project follows a systematic approach, including the analysis and design of the system, the use of UML for system modeling, and the implementation of various web pages. The website is designed to be user-friendly, offering detailed and accurate information about domestic tours, allowing customers to book tours in advance. The project highlights the importance of user-friendly design and the integration of various functionalities to enhance user experience [1]. Published books on the methods and subject of this project provide context for this English summary [6], [7], [8].

II. Methods

The thesis follows a systematic approach, including the analysis and design of the system, the use of UML for system modeling, and the implementation of various web pages. The project covers database construction and the creation of a user-friendly interface. The website includes features such as the home page, introduction, news, tour introduction, search results, tour information, booking, and tour scheduling. The website successfully meets the needs of both customers and tour operators, offering a comprehensive platform for customers to explore and book domestic tours. The project highlights the importance of user-friendly design and the integration of various functionalities to enhance user experience [1].

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III. Results

The developed website offers a user-friendly interface, providing detailed and accurate information about domestic tours. It allows customers to book tours in advance and offers personalized tour recommendations. The website also includes features for tour updates and customer notifications. The project successfully meets the needs of both customers and tour operators, offering a comprehensive platform for customers to explore and book domestic tours. However, the project faces limitations due to time and experience constraints, which prevent the completion of certain functionalities. The implemented functions include the home page, introduction, news, tour introduction, search results, tour information, booking, and tour scheduling. The website does not include a measured evaluation of its performance or user satisfaction [1].

IV. Discussion

The website successfully meets the needs of both customers and tour operators. It provides a comprehensive platform for customers to explore and book domestic tours. The project highlights the importance of user-friendly design and the integration of various functionalities to enhance user experience. The limitations of the project, such as time and experience constraints, prevent the completion of certain functionalities. Future development should focus on expanding tour options and improving search functionalities. The project demonstrates the potential of web-based solutions for the tourism industry, but further research is needed to fully evaluate the effectiveness of such systems [1].

V. Conclusion

The thesis concludes that the developed website is a valuable tool for the tourism industry, offering a user-friendly interface and comprehensive information. Future development should focus on expanding tour options and improving search

functionalities. The project highlights the importance of user-friendly design and the integration of various functionalities to enhance user experience. However, the limitations of the project, such as time and experience constraints, prevent the completion of certain functionalities. The project demonstrates the potential of web-based solutions for the tourism industry, but further research is needed to fully evaluate the effectiveness of such systems [1].

References

[1] ICTU Student 226, ”Website for Advising on and Booking Domestic Tours,” internal undergraduate thesis (original in Vietnamese), Thai Nguyen University of Information and Communication Technology, 2010.

[2] Phân tích, thiết kế lập trình hướng đối tượng bằng UML-Đoàn Văn Ba-NXB Thống Kê 1997

[3] Phân tích thiết kế hướng đối tượng bằng UML (thực hành với Rational Rose) - NXB Giáo dục

[4] Xây dựng & triển khai ứng dụng Thương mại điện tử - Phạm Hữu Khang – NXB Thống kê

[5] video hướng dẫn học PHP và MySQL của Trung Tâm Tin Học - Đại Học Khoa Học Tự Nhiên - TP. Hồ Chí Minh

[6] M. Fowler, UML Distilled: A Brief Guide to the Standard Object Modeling Language, 3rd ed. Addison-Wesley Professional, 2003. ISBN 9780321193681.

[7] A. Silberschatz, H. F. Korth, and S. Sudarshan, Database System Concepts, 5th ed. McGraw-Hill, 2005. ISBN 9780072958867.

[8] I. Sommerville, Software Engineering, 7th ed. Addison-Wesley, 2004. ISBN 9780321210265.