

DEVELOPMENT OF AN INTERACTIVE TENNIS WEB PORTAL FOR TENNIS COMMUNITY USING ASP.NET TECHNOLOGY

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ABSTRACT

This project investigates the information needs of today's tennis community which would be reflected through the implementation of a web portal. It concentrates on the research and development of various Web technologies and the appropriate system methodology which are vital to the Web portal development itself. This project addresses the current issues on the limited availability of tennis portals in terms of both quality and quantity. Therefore, it intends to develop an interactive tennis portal where various types of tennis-related information would be presented within one single location and in a consolidated manner. The features of this proposed system are distinguished into 2 major categories. The first category is represented in the form of many information contents, e.g. updates on worldwide tennis news, player profiles, online tennis tips and coaching, external linkages to other related tennis websites, etc. meanwhile, the second category is dedicated solely to the tennis community meaning that visitors could join in as the portal member. Through the single sign-on capability, members can benefit from some other features including online forums, newsletter subscriptions, and tennis articles submission, tennis coaching registration, user profile personalization, and so forth. Visitors of the system are also differentiated according to their roles (i.e. administrator, member, and visitor) in it. Ultimately, the project aims not only to serve as an information centralizer for the use of tennis community but also to help promote the sport to wider target audience.