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WORASIT CHOOCHAIWATTANA: A DEVELOPMENT OF TRADITIONAL THAI MEDICINE INFORMATION SYSTEM USING INTERNET TECHNOLOGY. THESIS ADVISORS: THANAKORN UAN-ON, D.Engr., MONTHREE CHULASAMAYA, Ph.D., M.D., WANCHAI RIVEPIBOON, Ph.D., RUNGRAVI TEMSIRIRIRKKUL, M.S. 139 P. ISBN 974-664-246-4.

The traditional Thai medicine information system (TTMIS) is an information system using the Internet technology for collecting the invaluable traditional Thai medicine knowledge and publicizing this knowledge to Thai people. It is an educational tool for Thai people who are interested in traditional Thai medicine and medicinal plant.

Microsoft Personal Web Server was used as the web server. Microsoft Visual Interdev, Microsoft Front Page cooperating with Microsoft Visual Basic were used to develop the TTMIS. In addition, Microsoft Access was used as the database management system.

The TTMIS was divided into five parts – Accessing the TTMIS, History & Evolution and Basic Knowledge of Traditional Thai Medicine, Managing Information, Searching Information, and Web Board. The first part was for checking an authority of users and collecting users' information. The second part was for giving history and evolution and basic knowledge of traditional Thai medicine and medicinal plant to users. The third part was for managing all information in the system database. The fourth part was for searching and retrieving information in the database by using traditional Thai medicine name, medicinal plant name including common Thai name, English name, scientific name and vernacular name. Traditional indication and users' keyword was also used for searching and retrieving information in the database. The fifth part was for users to exchange their knowledge with the others.