Panthawat Jatuporn 2014: Thai Herb for Primary Health Care on Website. Master of Science (Agriculture Information Technology), Major Field: Agriculture Information Technology, Faculty of Agriculture at Kamphaengsaen. Thesis Advisor: Associate ProfessorSupaporn Thaipakdee, Ph.D. 112pages.

The purposes of this study were: 1) to develop Thai herb database-driven website and 2) to study user satisfaction for Thai herb for public health foundation on website by collecting from 62 Thai herb species for public health foundation. Various programs were applied to develop the database system such as MySQL for data storage, Adobe Dreamweaver CS6 for website design and development, PHP language for database connection and Adobe Photoshop CS6 for picture decoration. On the final stage, FileZilla FTP Client program was used to upload the data on the server. To access information on the website, there were four searching channels: 1) by name from herb list, 2) by image, 3) by diseases and symptom and 4) by keywords. However, there was a format of selecting list for the user-friendly and a webpage operated system for the administrator. Afterward, the 62 questionnaires were collected to test the user satisfaction using non-probability sampling method. The descriptive statistics, namely, percentage, mean and standard deviation were used to describe the basic features of the data samples.

The results of this study revealed that an average of user satisfaction for Thai herb for public health foundation on website was detected at high level ($\overline{X}$ = 4.07) as from four categories, namely, the homepage design ($\overline{X}$= 4.00), the content providing ($\overline{X}$ = 4.08), the benefits of using a database ($\overline{X}$ = 4.15) and the database access ($\overline{X}$ = 4.06). In conclusion, it can be concluded that the development of the website database system can respond friendly and efficiently to users in terms of accessibility and productiveness for searching Thai herb online databases.

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