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JUTARAT MANEEWATTANAPLUK : DEVELOPING AN
INFORMATION SYSTEM OF MEDICINAL PLANTS FOR PRIMARY HEALTH
CARE USING MULTIMEDIA TECHNOLOGY. THESIS ADVISOR :
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The objective of this thesis project was to create an information system of medicinal plants for primary health care which users could access on the Internet. All details of 44 plants, 3 methods to access the information (by selecting name indexes, pictures and symptoms) and the decision information were created using hypertext markup language (HTML). Program Cutxtsep, which helps popular browser programs wrap lines appropriately, was used for separating the Thai words. The database of medicinal plants is composed of plant names, scientific data and the medicinal applications of the plants. This database provides users information to support the selection of medicinal plants for specific treatments. Users may select the appropriate plants from the table showing disease or symptoms. Each table includes scientific data related to diseases or symptoms and the availability of the plants. After selecting the plant, users are able to obtain detail information from the files. Moreover, users are able to retrieve information by plant name or picture. Hypertext markup language (HTML) and JavaScript are used to create multimedia interactivity.