Establishment of the Tour-Site Navigation System-Using HsinChu City as an Example

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Abstract

As the living quality of the citizens gradually improved, traveling becomes an important recreational activity. The internet speedily provides information related to tour sites. However, web pages generally present merely words and pictures that are not impressive enough to the viewers. Spatial concepts, distance calculation, and tools for vacation planning are also often not provided by the websites. This study combines the usage of 3dSpace, GoogleMap, ER Model, Windows Mobile, SuperPad. It gathers the tour-sites related information of HsinChu city; such as local restaurants, famous attractions, and high rating hotels in the area. The study develops search interface integrated with the Google Map Engine. After selecting of category and input of specific key words, the related information of specific location and 360° satellite image could be shown on browser. The route calculation trips between local attractions is provided on this project. This investigation combines the GPS function to the smart phone, helping the users to arrive at their destination correctly within the minimum time.