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Abstract
The popularity of PDA and PDA Phones and the maturity of wireless communication technology and devices have promoted the development of mobile guiding system progressively. In this research, we tried to combine those technologies that we mentioned above to develop a personal digital mobile guiding system which provides a more convenient and effective way of traveling to tourists. This system utilizes current wireless network, global position system (GPS) and radio frequency identification (RFID) with the concept of mobile guide to create a new concept and model of personal digital mobile guide. The personal digital mobile guide system contains guide control subsystem (GCS) and guide management subsystem (GMS).
The main function of GCS is to offer a friendly user interface to tourists. In addition to provide communication interface and user identification device to GMS and PDA, a mighty server also offers sufficient memory to store the location and contents of scenic spots and personal travel experience. All information can be used to improve and reform the efficiency and quality of travel.
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