URN etd-0407109-183712-920
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Statistics This thesis had been viewed 46 times. Download 0 times.
Department
Year 2002
Semester 2
Degree Master
Type of Document Master's Thesis
Language zh-TW.Big5 Chinese
Title The Study of Implementing Mobile Commerce Based on Wireless Technology
Date of Defense 0000-00-00
Page Count 96

Keyword
mobile commerce
PDA
wireless
database management
data mining
library management

Abstract
The purpose of this study is to implement a mobile commerce system based on the technology of wireless communication. In the technology of wireless communication, the system is developed using Microsoft embedded visual tools under the operation system of Windows CE 3.0. Besides, wireless LAN card appended in PDA is used to communicate with access point.

In the part of database, the transmission of data is based on the architecture of database replication and remote data access proposed by the Microsoft. By the way, the appropriate technology of data access will be adopted according to the attribute of electronic commerce.

In addition, the study also discusses the integration of customer relationship management and the technology of data mining into the mobile commerce. The RFM theory and Apriori algorithm are used in the marketing strategy and the data analysis respectively.

In conclusion, the system not only combines the technology of wireless communication and data replication but also involves the customer relationship management and the technology of data mining. Thus, the system achieves the advantages and increases the benefits of mobile commerce.
Advisory Committee Yi-Hsing Chang - advisor

Files No Any Full Text File.
Date of Submission 2003-07-21