應用RFID 開發建築工程電子履歷系統

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摘要

With the advancement in information technology and device upgrade in PDA, theinstantly messaging is used increasingly popular. For the long life cycle construction,
there is lack of an information system to fetch the historical data for buildings so
readers can quickly take related resume. In this study, RFID technology is used to
provide users connecting to server through wireless networks and capturing relevant
information. This can assist to follow up the construction process and related
responsibilities in future.
This study will use Web-base, RFID, Wireless Network, ER Model, Database and
Information Technology environment to develop "Electronic Building Construction
Resume System". This system includes some handy modules such as "Basic Data
Management", "Common Data Management", "Project Management", and
"Maintenance Management".All projects are divided into Build, Floor, and Room
units and assigned an RFID tag. Users can use mobile devices to read RFID tag and
quickly grasp any situation in construction process. The clear and detailed information
about the construction process can be presented in front of us. This can complement
the difficulty situation about fetching design and construction

information during
maintenance phase of the buildings.

關鍵字：Web-base, RFID, Wireless Network, ER Model