

以PDA開發營建專案電子履歷系統

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摘要

As advances in information technology, construction industry has gradually used electronic technology in the past few years. In addition to the e-management, construction industry is also actively combining RFID, wisdom building and information sharing concept. Use database system to integrate the contractor information, the faculties of contractor, and the supervisors of owners and construction supervision unit for the construction phase of a project. This system has compiled the construction specifications, drawings, plans, photos, videos, self-check tables, and daily reports to provide users to fetch important construction process information through a mobile device.

This study uses ER Model, SQL Server, ASP.net, ODBC, PDA and Windows environment to develop “Mobile Electronic Resume System for Construction Project”. This system integrates all related construction information so engineers can fetch the drawings, specification, and checking list for all activities. This system can assist the inspection tasks as well as track the responsibilities for the future maintenance to promote the service quality. Users can improve the data fetching efficiency for the period of building maintenance stage.

關鍵字：Database, Construction Resume, ER Model, PDA, SQL