

營造業工務管理資訊系統之開發

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摘要

Construction industries have acted as the chief role since 1970' s. As a result of last year' s financial storm, domestic and foreign business languishes, the physique bad building entrepreneur to go out of business one after another. Along with the generation progress and information developed, construction related personnel certainly need have the certain extent training, uses the modern science and technology environment and the management tool fully to survive in the competition environment. The ER Studio, Visual Studio, C Tech EVS Pro, ArcGIS, ODBC and SQL Server are used in this study to develop "Project Management Information System for Construction Site" . This tool can effectively integrate construction related administrating such as shop drawing, photos, daily construction report, project items and money applying. The site engineers key-in the completed item, quantity and photos from browser, after verified by supervisor, the system can automatically calculate the quantity and amount of completed items. The delay payment or exceeding quota caused by human mistake can be prevented through the help of this system. This study compiles geographical position and related landform in GIS Management Module. Used can fetch related geographical information from this module. This system can be used to perform examination of site management for construction project to achieve the rationalization, standardized, and the computerization. It can significantly promote the competitive power, reduce the operation cost, and increase the profit for construction firms.

關鍵字 : construction, project Management