

五專轉學聯招應用系統設計

The System Design and Implementation of Joint Transferring Examination Affairs for Five-year Junior College Students

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摘 要

本文作者分析了五專轉學聯招的相關試務工作，設計且實做了一個系統，應用在中華工商專校（以下簡稱本校）所主辦的歷次五專轉學聯招工作中，由於系統程式設計完善，因此能夠在最短的時間內，提供各個試務單位最詳盡的資訊及報表，有效的完成工作。由於五專轉學聯招試務是由各學校輪流主辦，如果沒有一個適合的系統程式輔助，必定耗費大量的人力物力，而未必能竟功，本文所提供的詳盡文件及系統設計的經驗，可以作為系統分析人員及程式設計師的參考。

關鍵詞：雛型法則，關聯式資料庫，第四代語言，黑箱測試

ABSTRACT

In this paper, the author analyzed the procedures and rules of the joint transferring examination for five-year junior college students, and also designed and implemented an application system. This system have been applied by China Institute of Technology and Commerce for four times. It is proved that the system is a very powerful system, because all forms and reports needed by the examination affairs can be offered by this system. The important system specification and documentation proposed by this paper can be applied by the system analysts and programmers.

Keywords: Prototyping Approach, Relational Database, Black-box Testing