

Students' Admission Database System

By

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This dissertation was submitted in partial fulfillment of the requirements for the
Degree of Master of Science in Computer Science

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May 2000

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Abstract

Despite the fact that advances in the computer technologies support automation of the processes involved when short-listing applicants who qualify to enroll at a university, most third world universities still manually process the applicants' details. Implementing modern database technologies for capturing and processing applicants' details results in cutting down of expenditures and an improvement on the efficiency and transparency of the students' admission system.

National University of Science and Technology has sufficient office infrastructures that support the implementation of integrated database technologies. However, their current Students' Admission Database System is still basically based on the manual file processing approach. The central aim of this research is to implement a new Students' Admission Database System (SADS) which automates the students' selection processes. Our goal is to provide an easy to use graphical interface which hides most of the implementation details from the end users. SADS will optimize the use of the available resources and hence reduces expenses involved when short-listing applicants.