

AKLAN STATE UNIVERSITY - SCHOOL OF INDUSTRIAL TECHNOLOGY
ENROLMENT SYSTEM

A Thesis

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ABSTRACT

The enrollment process of Aklan State University is done manually which takes a lot of time to complete. They use MS Excel to store important records regarding student information. Since computers in each department are not connected, they utilize a diskette in transferring files. Printed copy of the records are also produced as a back up and stored in a cabinet which is prone to data loss.

So, a computerized enrollment system is proposed to solve these problems. The system is designed to handle the entire enrollment process of the school. Functions of the system includes the registration of new enrollees, automatic generation of student's id number and class schedule, assessment of accounts, generation of class roll, and printing of receipts, examination permits and Registration Forms. Payment transaction is also handled by the system. Another feature of the system is the electronic bulletin board which will be used to update the students with the current status of classes. Touch screen terminals will also be available for grades and account balance inquiry. Security measures are also implemented to protect the records by means of the login/logout menu.

Concepts of Relational Database Management System, Transaction Processing System, Star Network, Data Security and Touch Screen Technology are applied in the development of the system. The enrollment systems of Central Philippine University, University of San Agustin, Lyceum of the Philippine University, Polytechnic University of the Philippines, and College for Research and Technology are used as the related literature for this study. The group followed the steps in the Spiral model of Systems Development Life Cycle in conducting the study.

Through this study, the enrollment process of ASU will be much faster. Efficient and accurate retrieval of information can now be implemented through the proposed system. Connection between departments is also established for easier transferring of files. All the records will be stored and secured in the database. Backups of files can easily be made through the backup function of the database. DVDRs can be used to store the backup file since CDR could not accommodate a larger size of data.