

ABSTRACT

This project covers the analysis, design and implementation strategy of the automated system for the library of Ho Chi Minh City University of Technology, which has been growing up with the development of the university in recent years and urgently required to computerized its operation for improving services as well as achieving better management.

To analyze the existing system and design the new computer system to meet the expectation and requirements of the library, Object Oriented Approach is chose as the best methods nowadays, and then the designed system will be developed also by an Object Oriented Programming Language to accommodate the benefit from the result of the analysis and design steps, and also to accommodate the benefit of Object Oriented Technology.

In recent years, the library has been expanding rapidly in term of amount of resources as well as services providing for library's members. Therefore to keep up with the workload, computer must be applied to assist managing and operating of the library. It will also have a good impact in improving the quality of education within the University.

