This study primarily focused on the program development of an on-line enrollment system (OES) of Northwestern University, Laoag City. It specifically determined the status of the present enrollment system of Northwestern University.

The study is a research and development (R and D) type of research and adopted the System Development Life Cycle (SDLC). SDLC methodology was employed considering the following steps: first, the existing system was evaluated. Deficiencies were identified. This was done by interviewing students and users of the system and consulting with support personnel. Second, the new system must be addressed with specific proposals for improvement. Third step, the proposed system was designed. Plans were laid out concerning the physical construction, hardware, operating systems, programming, communications, and security issues. Next, the new system was developed. The programs were obtained and installed. Users of the system were properly trained on its manipulation, and all aspects of performance were tested. Adjustments were made at this stage. Then, the system was tested and evaluated by the selected respondents. This was done in various ways. The researcher prepared a validation form which served as an instrument for the validation of the developed system. Lastly, the developed system running for a while was exhaustively evaluated. It was noted that maintenance of the program must be kept up rigorously at all times. Users of the system should be kept up-to-date concerning the latest modifications and procedures.

In the problem identification a questionnaire, interview and actual experience were used in gathering data. Mean was utilized to determine the status of the present enrollment system in terms of efficiency of operator, efficiency of service and security of data of the present enrollment system. The study also determined the problems encountered during enrollment system. The study also determined the problems
encountered during enrollment in terms of Physical Services, Personnel Services, System Software Services and Student Services.

On the evaluation of the present enrollment system results showed that it is fairly effective in terms of efficiency of operation, efficiency of service and security of data. Along their finding, it can be concluded that there is a need to improve the existing system along the three areas, hence, the development of an on-line enrollment system.

Based on the results of the validation of the developed on-line enrollment system, it was found out that the developed system is very effective along the three areas under study as compared with the present enrollment system.

Given, the above mentioned finding and conclusion, the following recommendation are offered 1.) implementation of the developed on-line enrollment system upon approved by the President of the University b.) continuous updating by the personnel of Registrar’s Office and Finance Office of important data and necessary information to produce accurate and reliable results c.) enhance the literacy of users of the system at the Registrar’s Office and Finance Office through seminars and trainings and d.) finding studies on the problems encountered in the developed enrollment system in the implementation process.