**Chapter 5**

**SUMMARY, CONCLUSION AND RECOMMENDATION**

This chapter presents a brief summary of the study based from the results of the treated data. Moreover, the conclusions and recommendations that were drawn out from the findings and results were also presented.

**Summary**

The researcher considered that fast paced changes in technologies nowadays are considered opportunities to make everyday life an easier at home, at work and at school. Computer resources have been helpful in the field of education by providing information that demands credibility and accuracy. Schools have been using these resources to come up with fast and reliable student services. Therefore, the proponent of the study aimed to develop a system that would provide for these demands.

The study “Campus Information System” aimed to design and develop a system that would aid the school in their enrollment system process. It also analyzed and explained the existing system used by the school together with the problems experienced by the students and administration staffs from the existing system. It also intended to develop a system that would lessen if not eliminate the shortcomings of the existing system and to prove that the proposed system is technically and operationally feasible. It also anticipated that there is a no significant difference between the existing and the proposed system in terms of security, efficiency, and reliability.

The researchers used spiral model in the development of the software for the system that suits the need for the information system to be properly designed and appropriated to the needs of the clients. Development tools such as PHP 5 for main programming language, MySQL 5.6.17 for database and Notepad++ as the source code editor were used in to develop the system.

Data gathering tools such as questionnaires, evaluation forms and interviews were vital for identifying the areas necessary for improvement and development. Data gathered were statistically treated using frequency distribution, weighted means, Rubrics method and Lickert scale were essential tools to illustrate the results of the evaluation of the proposed system. Other tools such as tables and charts were also used to demonstrate differences and visual presentations for easy interpretation.

**Summary of Findings**

This section provides the important parts of the study wherein the major findings of the proposed study were gathered from the respondents that was comprised of the student (220) and admin staff of the Concepcion Holy Cross College, Inc. Hence, the following were the general objectives considered with their corresponding findings.

1. **The Existing Enrollment System of Concepcion Holy Cross College, Inc.**

The school uses semi-computerized systems for enrollment wherein they manually evaluate, assess, & monitor the enrollment process.

1. **Problems Encountered of the Existing System**

However, the said system is vulnerable to problems such as difficulty in manual computation, record confidentiality and time consuming consolidation of enrollment reports. The existing system also requires effort in enrollment procedure for the student.

1. **Evaluation of The Designed and Developed System**

The proposed system was then evaluated by the respondents according to three criteria: Security, Efficiency and Reliability.

1. **Security**

The system was defined generally rated as excellent in terms of security. Results show that the system through authentication and control of database access and control keys makes it secured.

1. **Efficiency**

The proposed system was defined as excellent in terms of efficiency by the respondents. Figures and scores show that the system provides an organized and smooth way of producing information from inputs of the users. It showed consistency of results and requires minimal if not zero computation effort.

1. **Reliability**

Based from the responses, the proposed system was also accepted as excellent in terms of reliability. It shows that the system can be trusted in presenting complete and reliable data and computed results from raw scores into data. It presents accurate and credible computations and ranking of students per period and per subject.

Furthermore, responses from the questionnaires imply that the majority respondents agree to implement the proposed system for their use.

**Conclusion**

Treated data and analysis were done by the researcher to successfully arrive into conclusions. After the result were gathered and treated, it showed that the system is capable of being a reliable, secure and efficient Campus Information System of Concepcion Holy Cross College. The system scored a total of **3.636** that is verbally equivalent to very satisfactory in the Lickert scale interpretation table from the designed Rubrics method.

**Recommendation**

After careful analysis on the results that were gathered from the evaluation of the system, it is therefore recommend that:

* The system should be used by the Concepcion Holy Cross College as Information System.
* Further development should be done for the printing output and capabilities of the system.
* The school should have an IT department for maintaining the system.