**Chapter 1**

**THE PROBLEM AND ITS BACKGROUND**

**Introduction**

Modern technology today plays a vital role in our society. The invention of computer is regarded as the most advanced technology of the 20th century. It makes man work easier and faster. It lessens error of work by using machines. It reduces the costs of an organization from paper works to computerized working system. Manual transactions can be computerized by using software applications or computer systems to make the work easier and efficient. The growth of computer technologies has become one of the most necessary tools that the companies, business enterprises, universities and different corporations have been depending on.

A generation was grown along with the new developments in computer system. For others computer is more important than the basic needs in life. Even in the remote parts of the world, computer became a familiar term to children. Computer literacy became a mission of certain countries in the world.

As time passes by, many business corporations have come up for an automated system to do the part of their works by developing and using system software to reduce and lessen their day by day tasks. System’s software has been proven as a big help for improving our world. In addition, most organizations and institutions have already used system software.

Like any other organizations and universities, Concepcion Holy Cross College Incorporated handles a growing company and making greater opportunities. Traditionally, the school performs its particular task doing it manually. As the school conducts thousands of students, it is really a tedious task as all students’ information has been manually recorded. Consider also the facilities needed in performing this task when a great number of students meet in a single place just to wait and to fall in line during enrollment season for the assessment.

Enrollment is an exciting day for every student in elementary, high school, or colleges. It is the most expected activity after summer vacation. Contrary to the expectations of the enrollees, enrollment has posed many problems because it becomes tedious and exhausting. Sometimes the students let their parents and other members of the family to enroll them. The slow procedure of school during enrollment affects them. Instead student enrollees have to stand and wait for an hour or two, sometimes students are directed to return the next day or even after a week so that they can be officially enrolled. It is really a hassle for new a student having an excitement at first on getting through the school but then being disappointed because of the crowd population and time consuming of enrollment. The school also needed greater space to perform those entire tasks for great number of students. We could not imagine that the school could still survive by its present system on performing its task. But if we consider the future of the school, such as, we could say that the population of the school will be doubled or tripled after 5 years or 10 years, imagine how many employees are needed to perform those task in doing manually; the writing students’ records, keeping up every single file and arranging every single data.

**Hypothesis of the Study**

**Null Hypothesis (Ho).** There is no significant difference between the existing and the proposed system in terms of security, efficiency and reliability.

**Alternative Hypothesis (Ha).** There is a significant difference between the existing and the proposed system in terms of security, and reliability.

**Statement of the Problems**

This study is intended to design and develop Campus Information System that will use for registration, enrollment, and grading system for Concepcion Holy Cross College. This information system is intended to provide a fast, efficient and systemized way of handling enrollment procedures.

This study also aimed to find solution to the following problems:

1. How efficient is the current enrollment system practiced by the Concepcion Holy Cross College, Inc?
2. What problems encountered meet by using the existing system?
3. How to design and develop the proposed system?
4. What are the differences between the existing and the developed system in terms of:
5. Security
6. Efficiency
7. Reliability

**Significance of the study**

This study developed to address the problems encountered in the school. The system will provide benefits through the following when it comes to admission and evaluation in which how they are going to use the system which should be important in their part.

This study is important to the following:

**Administration.** Activities done by the administration be will greatly lessen. As the system will automatically compute and arrange every data of students and task makers have no need to worry about plenty of works.

**Faculty.** When talking about submitting of grades of students, every faculty member could use the system to do their job wherever they want as long as there is an internet access. The faculty members can also view the subjects they are going to handle.

**Students.** Students will not need to worry about crowd to enroll. They could enroll themselves through online to avoid tiring task in enrolment. As the system runs in faster way, the flow and the procedure of the system will not be exhaustible for the students.

**Parents.** Parents could use the proposed system to enroll their son/daughter even without their presence in the school. They can use their cell phone, tablets, laptop, and computer desktop as long as the device has an internet access. They could visit the system online and check for the courses offered in the school. They can fill up a registration form for their son/daughter and select the course they prefer, and then the system will provide a transaction no. that needed for the payment of the cost of enrollment. The system will provide the total amount the enrollee will pay for the confirmation of enrollment.

**Public.** Every individual who wants to inquire information about the school could easily visit the site and check for the information they want, such as offered courses in the school.

**Scope and Delimitation**

The proposed system will develop for the solution of the problems encountered by the school. However, the system has certain scope in providing solutions and limitations to be considered.

**The following are the scope of the study:**

The proposed system will provide an online enrollment, online registration, assessments, online viewing and encoding of grades and online evaluation for new and old students of Concepcion Holy Cross College. It will also provide basics information through the public about the school.

**The proposed system, however, is limited to the following:**

The proposed system should not responsible in checking the requirements of new enrollees, checking balance of student from previous enrollment. Also payments and billing system for the enrollment are not included.

**Definition of Terms**

**Assessment.** It is the computing of the total units and cost of subjects enrolled by specific student.

**Corrupted Files.** Itis a file of a computer that has been lost or damage and probably could not open, read or lunch by a computer application.

**Desktop Software.** Itis system or application that can be installed and used for specific task with its features in a computer.

**Evaluation.** It is the checking of all passes and none passes subjects of an individual student.

**File.** It is computer data that could read, edit, delete and update by an individual with the use of computer application.

**Online System.** It is system or application that can be browse or access in internet commonly known as Web application.

**Software application.** Any applications or system installed in a computer that used to make a task. .

**System.** Any software that develops to used in a particular task commonly use by different organization or in a business.

**Upload.** Sending of any kind of file or applications, video, image or any kind of data directed to the internet.

**Visiting.** Accessing or browsing a specific website through the internet.