

ENROLLMENT SYSTEM OF NAGBUKEL NATIONAL HIGH SCHOOL

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**TABLE OF CONTENTS**

PRELIMINARIES	PAGES
Title Page	
Approval Sheet	i
Acknowledgement	ii
Dedication	iii
Executive Summary	ix
Table of Contents	x
List of Tables	xiii
List of figures	xiv
CHAPTER	.
I Introduction	1
Project Context	1
Purpose and Description	4
Objective of the Study	5
Scope and Limitation of the Study	6
II Review of Related Literature	8
Information System	8
III Technical Background	11
Software/ System Development Model/ Paradigm	11
Entity Relationship Diagram (ERD)	11



	Gantt Chart	13
	Software Model	14
	Rapid Application Development Model	14
IV	Methodology	18
	Project Plan	18
	Data Gathering Procedures	21
V	Results and Discussion	23
	Requirements Analysis	23
	The Current Enrolment System	23
	Organizational Background	21
	DFD	26
	Flow Chart	24
	Requirements Documentation	24
	ERD	25
	Functional Requirement	26
	Non Functional Requirements	30
	Usability of the system along attractiveness	39
VI	Summary, Conclusion and Recommendation	45
	Summary	46
	Conclusion	47
	Recommendation	47
	Bibliography	48



Chapter I
INTRODUCTION

Project Context

Throughout history, as machine was invented by extraordinary people, they attempted to make their jobs easier. This desire to simplify lives and perform more effectively creates a new technology for improving lives within our society. Because needs exist, man developed and applied new technology to fill those needs. Technology is one of the tools to solve those problems. Man keeps on developing new technology. This new technology leads changes in the way jobs are being performed, but the changes present new problems in which can be solve by much improving technological advancement and so computers were developed to deal with information needs and case. That is why Information Technology (IT) is so important in today's world. Especially those involve in this field are full of determination is seeking new ideas in order for them to help our society.

Today, most establishment and institution in the country are already using modern technologies for theme to be able to serve their clients fast and efficient. One of the most important sectors in our country is our educational institution where almost 10 million students enrolled yearly. In line with this, it is better for a school to have a computerized enrolment system instead of the traditional manual system



to have an efficient and faster enrolment operation and to use as an advantage over their counterpart school especially schools that is located in metropolitan places. Aside from good quality education, good services are also one of the factors looking by a new student.

As major technologies for recording and processing of information have been invented, new capabilities have appeared just like the fast development of system software. System software is mostly used these days which abandoned the manual processing of data especially on office through the use of computer and other technologies. It causes revolutionary change in many fields, schools and especially offices which abandoned the traditional manual system of processing documents and replacing them with the computerized system that can accessed and manipulate easily, effectively and faster.

At this technology age, the computerization of information is needed in every field for faster work and less labor forms of capital. In this area where advancement has become part of each and every field of life, time became the most important factor of success we ever wanted. Dealing with the large amount of data manually will make things complicated may even result in data lost.

Enrollment System is necessary for a school to keep track of their students' records. This is a useful way for retrieving student's



information. If this project will be implemented it is expect that the school will operate more efficiently and effectively.

The proposed Enrollment system for a Nagbukel National High School includes information pertinent data such as name, year, section, miscellaneous fees, etc. This system is designed for the use of the staff to enable them to produce information required by their client people. The system will make the work of faculty and staff faster, easier and more comprehensive. The Enrollment system will also store the data of the students such as name, age, year, section, subjects and grade. The system allows to print the information of students and their grades easily. One of the main problems of Nagbukel National High school is their enrollment system. Enrollment system plays a vital role in any school for it is responsible for an effective and efficient approach for both the students and schools. This only means that a poor management of an enrollment system could affect the operation of the school. To avoid errors in enrollment, it will be an instant remedy, the researchers proposed development of a computerized enrollment system for the school.

Computerized enrollment system provides a faster, more convenient way of storing file or information of the students enrolled The said system will lessen the effort of faculty and staff in storing files of each student every now and then. The idea behind an enrollment system



is not a new concept. This will only serve as an immediate solution to the increasing problems about enrollment processes.

Purpose of the Study

The researchers proposed an enrollment system that can help improve the process of the enrollment in Nagbukel National High School in an easy and fast way. To lessen the time of the students in signing the enrollment form of the school and to secure the data or information of the students who were enrolled in the school. Once the enrolled student submits the required information and formally settles the payment, the enrollee is considered an official student of the said school.

This study aimed to create an enrollment system that can help the students, faculty and administrator in the process of registration. The system could offer not only the registration but also the Form 137 of the students for their report of grades from first year to fourth year. This system will automatically print the report of grades with the required information of a student.

Result of this study are deemed important to the following group:

Students. The system will contribute them lesser effort and time in signing redundant forms.



Instructors. The system will help minimized their paper works in evaluating student finished subjects and will have to be taken by the students.

School Administrators. The system will supplement information they needs during critical moments as they will this, utilized information to the fullest, in aid of effective and efficient decision making opposed to merely records keeping.

Nagbukel National High School. The system will upgrade the manual transactions of enrollment and assessment to a more efficient and faster processing of transactions through the utilization of the available resources.

Future Researchers. The output of this study will point to other avenues for research; its weaknesses and shortcomings should lead other students to venture at solutions and deeper understanding of building Computer-based Enrollment System.

Finally, through this study the **proponents**, will enhance their knowledge in the field of information technology.

Objective of the Study

General Objective



This study generally aimed to develop a Computerized Enrollment System for the Nagbukel National High School.

Specific Objectives

1. To identify the process and current system that is being used in the enrollment of the student in Nagbukel National High School;
2. To design and develop an Enrollment System for Nagbukel National High School;
3. To test capability of the Enrollment System.

Scope and Limitation

This study aimed to design and develop an Enrollment System for Nagbukel National High School.

Scope

The focus of the study was on the development of an Enrollment System for Nagbukel National High School to simplify their enrollment process. Username and Password are provided as security of the system so that only the authorized personnel can only access the system. The computerized enrollment system can add, search, view, edit and update student's record including their grades. The system can print student's copy of enrollment form or application and student's grades. It can also



insert, view, edit and update the grades of the students. It can also store data of the students.

Limitations

1. The system is not an online registration.
2. Scheduling of classes is not included.
3. It cannot delete students' records.
4. It cannot print the list of students enrolled from first year to fourth year.
5. It cannot print the enrollment fees of students.
6. No automatic computation of grades.
7. It can only compute the Final Grade of the students



Chapter II
REVIEW OF LITERATURE

Information System

According to O'Brien, J. A. (2003), information system is any combination of information technology and people's activities that support operations, management and decision making. In a very broad sense, the term information system is frequently used to refer to the interaction between people, processes, data and technology. In this sense, the term is used to refer not only to the Information and Communication Technology (ICT) an organization uses, but also to the way in which people interact with this technology in support of business processes.

Alter argues for an information system as a special type of work system. A work system is a system in which humans and/or machines perform work using resources to produce specific products and/or services customers. An information system is a work system whose activities are devoted to processing (capturing, transmitting, storing, retrieving and displaying) information.

An information system is a of communication system in which data represent and processed as a form of social memory. An information



system can also be considered a semi-final language which supports human decision making and action.

Villalva (2010) said that system is an integrated set of components for collecting, storing, and processing data and for delivering information, knowledge, and digital products. Business firms and other organizations rely on information systems to carry out and manage their operations, interact with their customers and suppliers, and compete in the marketplace. For instance, corporations use information systems to reach their potential customers with targeted messages over the Web, to process financial accounts, and to manage their human resources. Governments deploy information systems to provide services cost effectively to citizen.

India's higher education system is the third largest in the world. After china and united state. The main governing body at tertiary level is the University Grants Commission. Which enforces its standars, advises the government, and the help coordinate between the center the state? Accreditation for higher learning is overseen by 12 autonomous institutions established by the University Grants commission.

As of 2009, india has 2 central university 215 state universities, 100 deemed universities, 5 institutions established and functioning under the state act, and 13 institutes which are of national importance.



Other institution include 16000 colleges, including 1800 exclusive women's colleges, functioning under these universities and institutions.

A Software development and IT service firm implemented its catalyst in Nagbukel National High School was integrated web platform to provide content management , transaction processing, marketing and interactive community functions to the two rice schools.



Chapter VI

SUMMARY, CONCLUSION AND RECOMMENDATION

Summary

This study was conducted to develop an Electronic Enrolment System for the Nagbukel National High School. Particularly, this project focused on: 1) Finding out the current enrolment process employed in NNHS; 2) Design and develop the Electronic Enrolment System for NNHS; and 3) Test the usability of the system developed for NNHS using the SUMI.

Rapid application development (RAD) was the software development methodology that was followed. Data were gathered using interview, document analysis, library research, internet searching, and survey. The requirements were based on the standard of enrolment process technique wherein the current system was analyzed, improvement opportunities were identified, and the concept of the new system were revised.

The system was constructed using Visual Basic.Net as the programming platform and the database was developed using the MySQL.

The following are the significant findings of the study:



1. The current enrolment process of Nagbukel National High School is a manual multi-tasking operation.
2. The Electronic Enrolment System of Nagbukel National High School was developed following the Rapid Application Development methodology. The developed system can record enrolment information about students.
3. Based on the result of the usability testing, the developed system obtained a mean of 4.22 described as a "STRONGLY AGREE" this implies that the system is accepted and can be implemented in Nagbukel National High School.

Conclusion

Based from the findings of the study, it is concluded that the developed Electronics Enrolment System for Nagbukel National High School is reliable system that could facilitate the enrolment at Nagbukel National High School.

Recommendation

Based on the results of the findings and conclusions gathered, the researches would like to recommend the following:



1. Computer resources needed for implementation are already present in the school and can be used. However, in order to make the system perform faster and better it is recommended to upgrade the current computer hardware of Nagbukel National High School.
2. It is recommended that the proposed system should be implemented by the school, because it is more productive and more capable of delivering quality performance.
3. Future researches should be conducted to improve the developed system and add additional features.



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