WEB BASED ROOM RESERVATION SYSTEM

Introduction

- The process is reserving a room usually involves manual input and can take few more hours in our time. The current reservation system Is long and arduous process and time consuming because it is manually done.

1.1 CURRENT STATE OF TECHNOLOGY IN OSA

The rapid growth of technology has contributed a lot to the continued progress of all classification of industry. However, some sectors today seem to be left behind in adapting the use of different methods to have progress on their part. Computerization is a control system that manages processes in the industrial workplace. It reduces human errors and processing time, thus it can boost productivity and result into a high quality of product produce. This can result in a system well integrated process that can perform much faster and more accurate than the manual system.

The Web Based Room Reservation System is appropriate for the use of students for faster and convenient room reservation for their own purpose. This system provides the user to reserve room for easy access base on the given schedule of the system.

1.2 RESEARCH OBJECTIVES

The long term goal of the research is to develop an automated room reservation system for the students and its members of the available clubs and organizations in the school.

1.2.1 GENERAL OBJECTIVES

The study aims to develop a reservation system for OSA to help them solve the underlying problems with their manual reservation system such as consuming time and effort.

1.2.2 SPECIFIC OBJECTIVES

* Real time information of availability of rooms
* To provide a web site that can allow a user to search and reserve a room or cancel his/her reservation any time.
* To automate manual reservation.
* To help speed up the process in the OSA
* To reduce the amount of time to and effort consume by the students and teachers

1.3 SCOPE AND LIMITATIONS OF THE RESEARCH

This study aims and introduces the Web Based Room Reservation System for Notre Dame of Dadiangas University. The web based room reservation system is consisting of three modules, the information, reports, and utilities. The information module let the users input ID number, name of organization or club, room number, and reason for reservation. The report module consists of information that needs to pass on to the PPO and notify if the room is available or not. The utilities module will be received by the student. The student will fill up the utility form that includes number of hours, number of students, number of tables and chairs. The limitations of the said system are limited to the students and teachers of the Notre Dame of Dadiangas University. The system can only be use in the Office of Student Affairs.

1.4 SIGNIFICANCE OF THE RESEARCH

Reservation System for the OSA is very significant to those who reserves and to the staff of the office who makes reservation. Instead of wasting their time and effort in moving one office to another manually, the proposed system will make a better and much easier way of reserving rooms for clubs and organizations. Less burden to those who waste their time in signing manual system.