Clearance Management System

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ABSTRACT

Computer Software Based online clearance system is an internet based research work that will help build an effective information management for college. It is aimed at developing a computer software system that replaces the manual method of clearance for graduating students. The designed software will serve as a more reliable and effective means of undertaking students clearance, remove all forms of delay and stress as well as enable you to understand the procedure involved, as well as how to do your clearance online. The design and implementation will be carried out using HTML, MySQL, PHP.

Keywords: Record, student, teacher etc;

ARTICLE INFO

I. INTRODUCTION

In many institutions, when a person is about to disengage from an institution, the person undergoes through a clearance process to determine the persons status, whether he/she will be permitted to disengage. If the person is free to disengage, then he/she will be issued a clearance. Clearance is a certificate giving permission for something to be done. In higher institution of learning, final year students that have satisfied the academic requirements to graduate must undergo a clearance process before they disengage from the university. The process of clearing involves the Student's academic department, Faculty, Bursary, Students Affairs, Library, Hostel, Sport department, Health Centre and Registry (Exams and Records). A student is allowed to collect his/her graduation certificate only after he/she has been cleared.

Improvement in information and communication technology has made time and space less complex and could be seen that this modern age is the age of information boom in which an average individual wants to explore the information system. Thus, the capability for timely acquisition, utilization, communication and retrieval of relevant and accurate information has become an important attribute for better teaching and learning processes. The use of ICT in educational arena is not limited to teaching and learning situations alone, but also extend to the administrative assignments. One of such administrative tasks is the development of a web-based clearance system called online clearance. By definition, clearance is a status granted to individuals, typically members of university graduates. Online clearance is now used in various academics institute both locally and internationally for various clearance, for instance, online hostel accommodation, online clearance exercise, online admission, online graduating clearance exercise.

II. BACKGROUND STUDY

In the manual system, the clearance forms are documented in a file cabinet. Each time the clearance form is needed, a search operation is conducted on the file cabinets to locate a particular student's clearance form.

Scope of the Study: This research work is limited to clearance system for graduating students from Imo State University. The software developed will be carried out using HTML, PHP and MySQL to manage both the database and at the same time make the software online.

Method of Data Collection: During the research work, data needed for the project was gathered from various sources. In gathering and collecting necessary data and information needed for system analysis, two major factfinding techniques were used in this work and they are:

Primary Source: This refers to the sources of collecting original data in which the researcher made use of empirical approach such as personal interview and questionnaires.

Secondary Source: The secondary data were obtained by the researcher from magazines, Journal, Newspapers, Library source and Internet downloads. The data collected from this means have been covered in literature review in the chapter two of the project.

Oral Interview: This was done between the researcher and the management staff of Caritas University. Also various departmental heads were interviewed. Reliable facts were got based on the questions posed to the staff by the researcher. clearance were studied and a lot of information concerning the system in question was obtained. The clearance forms were gathered and information relating to clearance fee and other requirements were also obtained.

Evaluation of Forms: Some forms that are necessary and available were assed. These include clearance form, fee receipts, etc. These forms help in the design of the new system.

Objectives of the Existing System:
The objective of the existing system is to enable student pay all their fees before leaving the school. Some levies are charged for processing student's files and others for departmental dues or otherwise. The clearance system is designed to help students pay all the dues and obtain a clearance certificate.

III. PROPOSED SYSTEM

The new system is designed to solve problem affecting the manual system in use. It is design to be used online thereby relieving both student and staff from much stress as experienced from the manual system. This will do the analyzing and storing of information either automatically or interactively, it will make use of online access to internet. The proposed system will also have some other features like. Accuracy in handling of data Fast rate of operation and excellent response time. Flexibility (i.e.) it can be accessed at any time Easy way of back up or duplicating data in diskette in case of data loss. Better storage and faster retrieval system. Accessibility from any part of the world.

Aim of the project:

The project work will help in a good number of ways to ease the queuing system in the university as the online clearance system will help student to achieve whatever they want to achieve without coming to the various offices for clearance.

Project Modules:

- HOD: The Admin is responsible to approve and reject the student's application.
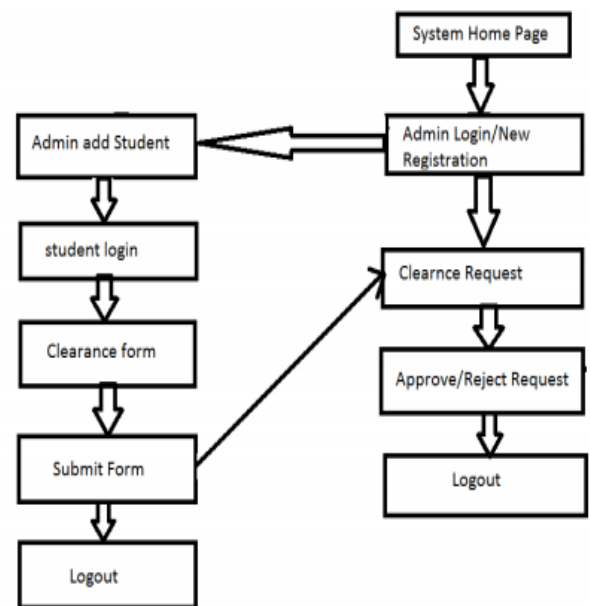- Student: The students can register and check the status of application

Fig 1. System architecture

IV. CONCLUSION

Research and development are continuous processes; this is same in computer and software development. However the effectiveness and efficiency of this new system provide room for further improvement. As early mentioned some of the objectives of this project were not actualized due to some limitation. So this objectives could be improved upon, the outline clearance system developed will offer greater opportunity in college management.

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