**PROJECT PROPOSAL ON**

**AN ONLINE STUDENT-LECTURER INTERACTION WITH STUDENT RESULT MANAGEMENT SYSTEM**

**1.0 INTRODUCTION**

As we continue to advance with development, there is need to manage information/data efficiently. Truth be told, Polytechnic staffs and students want to access the stored information in a more proficient way. It is the Polytechnic policy to improve both the proficiency and effectiveness of interaction between student and lecturer, and also student’s result processing (student’s documentation/grades), and administrations through the usage of an online student and lecturer interaction with student result management system

Student Information System deals with all kind of student details, academic related reports, department details, course details, curriculum, batch details and other resource related details too. It tracks all the details of a student from the day one to the end of his course which can be used for all reporting purpose, tracking of attendance, progress in the course, completed semesters years, coming semester year curriculum details, exam details, project or any other assignment details; and all these will be available for future references too.

* 1. **STATEMENT OF PROBLEM**

The increase in the number of students in the great citadel of learning has posed great challenges for the school administration. These challenges include, delay in computation and issuance of results, certificates, transcripts and absence of real time services/information dissemination etc.

There are little or no smooth interaction between student(s) and lecturer(s) which tends to reduce the relationship between them and affect the student in acquiring knowledge, and also the complaints and delay in the processing of students’ result has been a major concern and therefore has intensified the need to design an approach which will go a long way in tackling these problems and at the same time help to fasten the processing of students’ result. The existing system encounters the following problems:

1. Loss of files, records and result document.
2. Information Overload.
3. Delayed and longer processing time whenever record is needed.
4. Accessibility issues experienced by a staff or data administrator.
5. Difficulty in getting relationship(s) between data for an individual.

**1.2 AIMS AND OBJECTIVES OF THE STUDY**

The aim of this project is to develop an e-learning system which would provide an alternative for students whom because of distance to this institution are unable to acquire the education that they want to, and also to bridge the gap between lecturers and students. The specific objectives of this project is to:

1. Reduce high cost of acquiring knowledge
2. Encourages the promotion of digital literacy
3. Create a platform for student to engage in self-paced learning
4. To eliminate errors due to manual processing of result.
5. Record and reports of student will be effectively recovered with increased data security.
6. To reduce time used in student’s file retrieval.
7. Allow teachers monitor the student’s level of understanding of a particular course.
8. Provide a system of follow up for teachers and student.

**1.3 METHODOLOGY**

This attempts to provide a detailed description of the phases and approach in the development of the study by providing an analysis of the existing system and a design of the proposed system. This new system is very automatic and on-line which can save the institute from the problem of structure and lack of availability of lecture materials and also allows students to register courses, edit registered courses, print registered courses, edit their profile and also print their result at the end of every academic session. This can pave the way for an increase in the number of students and economic standardization.

The proposed system which will be hosted on a localhost using WAMP SERVER and developed using HTML to achieve our aims of outputting every bit of the system (pages. images and text) in anHyperText format which can only be accessible or view by browsers on all computing devices, the CSS will be used to style up every pages and text within the system in term of: font for the text as well background, border, table e.t.c. The JavaScript is a script language used for the logical operations and to enhance the performance of the system. Lastly, the PHP will be used as a back-end script which handles and process all the process request or submission from the users and determine the output message to be displayed to the user.

The system consists of 3 main modules namely:

1. **ADMIN:** The administrator controls and direct every operation on the platform like: approve user request, add users, register courses, register department, register level, remove users, schedule test for the students, add and remove announcements and also view users activity log.
2. **LECTURER:** This is the next in hierarchy after the admin. The lecturer also has their own control privilege but not overall like the admin. Some of the control includes: add department, add and remove classes, schedule test for the students, grade the students, add announcement, upload study materials and can communicate privately with the individual lecturers and students on the platform.
3. **STUDENT:** The students are the last on the hierarchy and they are referred to as the main user on the platform. They also have the right to: join the class, download study materials, view announcements, course registration, and print result, take quiz and can communicate directly with the fellow students as well as with the lecturers.

**1.4 Contribution to knowledge**

1. Encourages the promotion of digital literacy
2. Create a platform for student to engage in self-paced learning
3. Allow teachers monitor the student’s level of understanding of a particular course.
4. Reduce high cost of acquiring knowledge
5. Record and reports of student will be effectively recovered with increased data security.
6. To eliminate the delay in getting result and loss of student data.

**1.5 Related Works**

A number of related works exist on the application of different methods and principles to effectively monitor the activities of students and staff.

**A) Web Based Student Information Management System**

In 2013, S.R.Bharamagoudar, Geeta R.B. and S.G.Totadhas proposed a system. In this paper, a web based information management system is designed and implemented using Hypertext mark-up language and PHP.

**B) Development of A Student Online Result ManagementsystemAkadi Dupe Victoria**

The application will be capable of storing and retrieving academic records with high speed and accuracy, and presenting useful information to its users.