The use of computers systems to process information would enable better access to students' records (personal, and courses), updating student records keeping track of failed courses. The support storing course information (course codes, course title, course credit units and grade points for the purpose of computing GPA with automation is required.[3]

Result Management System (RMS) is an automated platform used in managing result for all categories of students in a friendly and interactive manner. Nigerian tertiary institutions follows the trend in Information and Communication Technologies in transforming their record keeping and information management operations. RMS is currently an information systems that readily attracts the attention of many tertiary institutions in Nigeria. Most of the Students’ RMS are traditional and standalone which has few or basic elements of a standard RMS. Most of the students RMS are not web based and others do not integrate well with the other information system in the Universities.[1]

Student result analysis is an online application used to analyse, store and keep track of student data and compute the mark analysis process in an educational institution, it enable the view of individual student’s result, automated computation of results from various departments. The use of computation systems that has it capabilities beyond result computation which is not so much in use. Tertiary institutions today compute student result analysis manually which consume lots of time and effort. A system that does analysis of student result is required as it will aid decision-making and taking in tertiary institutions. [2]

In view of the above the requirement to have an online Result computation system in Niger state Polytechnic, Zungeru is important. Niger State Polytechnic, Zungeru, Nigeria, Students result are computed every semester from the summation of CA and Exam score of each course taken by students, given each student grades, GP, CGPA and remark. This is presented as broadsheet with analysis. The computation of result is completely manual.

This project is to create a web-based Result Computation System that would allow teachers submit students CA and Exam score, the system will compute the scores, generate a broadsheet and provide analysis of the results on a semester basis. The students would be able to view their result through their profiles.

This project will considered security as an utmost priority, providing a login form for authentication of users and registration form to register student and courses offered.

References

References

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**Methodology**

The system was developed using PHP, CSS, HTML, MYSQL and was hosted locally using Apache web server. The software development methodology adopted is a participatory incremental process model (PIP Model). The data used were obtained from the Department of Electrical/Electronic and Computer Engineering, University of Uyo. Functional decomposition of the system and its key modules are provided to explain the major functionalities proffered by the system. Also, use case diagram is presented to show the different categories of the system users and the various functionalities associated the different system user. Screen shots of various system functionalities are presented from the test run of the functional system

3. Technology in today’s world has reached to extent that it can be used to do various task in day to day life easily with less effort and time. World today has realised importance of education in one’s life which has led to revolution in field of education. Universities, colleges, schools today have loads of task to be completed in given timeline. In today’s scenario colleges needs to analyze student results manually which takes lots of time and effort by faculties working on it. Hence in order to simplify this tasks a web based system is introduced which can perform student result analysis. The system takes file of student results obtained by universities in excel sheet format as an input. The result of analysis will then be displayed in sorted manner according to rank of student. This system runs on web browser on computer with well connected network.

.We are able to see the individual candidate’s results separately. Student result analysis system has been designed to carry out the mark analysis process in an educational institution. The results of respective departments can be efficiently computed without much of manual involvement. Given the continuous rise in student population, tertiary institutions calculate examination result of students with the help of computer programs. Analysis of students information and their academic record is as important as examination result computation. The need for data use to inform decision-making in tertiary institutions cannot be overemphasized. Over the years, many algorithms and programs to compute examination result of students have been developed.[2] However, the use of programs that extends capabilities beyond examination result computation is not widespread. The system provides a comprehensive solution to the demand of examination result computation as well as student information and academic record management. The system is resilient and written with the flexibility to accommodate future needs. It is expected to encourage data use in tertiary institutions. Information from such data can facilitate decision-making and improve educational standards in tertiary institutions.