

DESIGN & IMPLEMENTATION OF RESULT ANALYSIS SYSTEM FOR COLLEGES: A REVIEW

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Abstract:

This research involves manual method of collecting students' result. The result obtained from our system is simple and optimized. An important aid for teacher's staff to judge their performance in particular subject and all the subjects must be expressed. Also the Performance of teachers of various subjects can be easily compared which is very useful for Head of department and also for the staff were identified and a new system was proposed, designed, and implemented.

The result analysis is shown in a single portable document file (pdf). This new framework is adaptable and can be changed to suit any sort of understudies' record keeping and information handling in universities.

I. INTRODUCTION

In this article is planned to bring release by providing for well-timed and accurate processing of students results system. As we all knows to view the results of any faculty, it is necessary to enter the roll no of students, and then it will show the result. For students it is easy to check the result, it will simply entered own roll no and seen it, but for the teachers staff it is hard to check all students result by entering manually one by one roll no, this might lead to a very big problem, which may reduce or eliminate the ability to grade a student from the result. After declaring the result it is also important to find the students who ranked 1st up to 5th rank for teacher's staff to check the progress of students. Likewise the class instructor needs to decide understudy's position (positioning) in class in view of their exhibitions. However, it takes time to do these tasks because they need to formulate their own calculation for class position (ranking). But in this processing system we can also provide ranking of Students up to 3 ranks which will helps especially for staff also for the head of department to check the progress.

In this work, an online result website was developed to facilitate the results of all students shown in a single PDF file. (There is no need of printing result booklet for each student. Results can be imprinted on A4 measure paper which seems like a declaration and looks more excellent at a lower cost contrasted with the cost of printing result booklets.) [3] This will make the instructor's activity less distressing by chopping down the time and exertion spent for survey all outcomes. This new system is flexible and can be modified to suit any kind of student records keeping and data processing in both school and engineering colleges. Currently, until result details are entered and proceed, there is no dependable way to check the result. This creates many problems for students and staff. Staffs additionally invest a lot of energy endeavoring to find come about. This study aims to provide many benefits including proper routing and tracking of turned in results, improved processing efficiency of the system, and increased satisfaction for both the staff and students for processing of result.

II. RELATED WORK

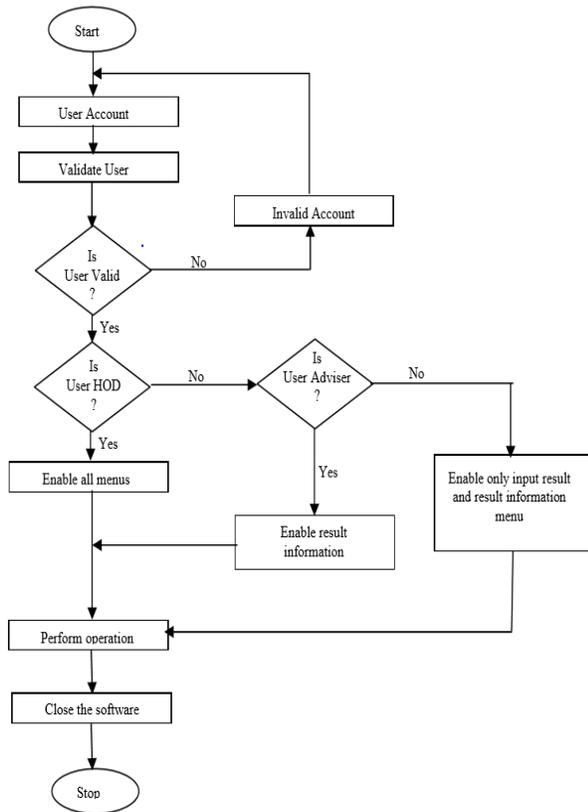


Fig. 1Flow Diagram

In this Flow diagram, there are two types of users i.e. Admin & Students. First of all user needs to register. After that when user login, if this is valid then it will be able to access the functions if it is invalid then they can't be able to access. For admin User there are two types of Functions and they are able to view students report and result analysis.

If the user is Student then they are able to see only results by entering the roll no.

In simple words if user is students then it will only access the result. But if the user is Admin it will be able to access both the operations.

In the manner of result processing this research has the focus to show the results of all students in a single Portable Document Format (pdf). And also be able to access Result analysis of all students.

III. LITERATURE SURVEY

In this paper [1] Author proposed an utilizes Microsoft Excel spread sheet program to assemble an Intelligent Knowledge-Based System (IKBS), making utilization of different programming offices gave by that application. The focal issue here is that the writing computer programs is hard coded into the cells, and cell referencing is utilized to screen and track understudy's execution total focuses, and so on. The framework has been accounted for to work fine. Be that as it may, it has all the earmarks of being somewhat prohibitive, and calls for generous aptitude in programming.

In this Paper [2] Author Proposed an Integrated Development Environment, issued to make the Graphic User Interface and to compose the codes. MYSQL Server, a Relational Database Management System, is utilized to make the database tables and information. Individual Home Page Pre-Processor (PHP) is utilized to speak with and control the database. This application, however tried and observed to fill in not surprisingly, has however not been put to utilize broadly Existence. There is, in any case, dependably opportunity to get better.

In this Paper [3] Author Proposed the training framework concentrated emphatically on examinations. Frederick, first legislative head of the brought together state, set up a school inspectorate. Train, structures, and sufficiency of showing staff were to be assessed, yet the most guides given toward a school's execution went to the numbers and rankings of its examination comes about. This weight on examinations was as yet utilized as a part of 1990 to judge instructive outcomes and to acquire capabilities for employments in government and the private segment.

In this Paper [4] Author Proposed more data is made accessible in an assortment of

Arrangements and media and in an assortment of areas, the need to oversee data/information productively turns out to be increasingly basic. Both staff and open clients need access to put away data and need to get to it more effectively. It is the University Policy to enhance both the productivity and viability obviously enlistment and result preparing activities and administrations through the usage of a coordinated robotized database System.

In this paper [5] Author analyzed the deficiencies associated with the manual technique for ascertaining Students CGPA (aggregate review point normal) and proposes an answer by built up a product Application to encourage the robotized handling of the outcomes. MYSQL Relational Database Management System in planning the database. The created programming was tried and fill in of course.

III. CONCLUSION

As we as a whole know, in the wake of pronouncing result it is difficult to check the consequences of understudies separately. Additionally to check the total level of understudies and for staff moreover. So that in the wake of looking over, about the outcome handling, we considered that to incorporates extra offices, for example, result examination and understudies report. It will know the investigation of our workforce likewise the execution of understudies and employees. It will likewise Go Green stage, with the end goal that consequences of all understudies of a specific workforce or branch is appeared in a solitary Portable Document File. It will tedious and cost reserve funds.

REFERENCES

- [1]. kinmosin J.(2014), "Automated Students Result Management System Using Oracle's Database, Forms and Reports", *Journal of Information Engineering and Applications*,www.iiste.org ISSN 2224-5782 (print) ISSN 2225-0506 (online), Vol.4, No.11, 2014.
- [2].Abu, U.O and Abel ,M., (2013). "Data Analysis and Result Computation (DARC) Algorithm for Tertiary Institutions", *Journal of Computer Engineering (IOSR-JCE)*, 14 (1) 63-69, 2013.
- [3].Bharamagoudar S.R., Geeta R. B. and Totad S. G. (2013).*Web Based Student Information Management System. International Journal of Advanced Research in Computer and Communication Engineering*, Vol.2, Issue .
- [4].CristianC,LevT,andEugenia T.(2013)."*Secure and convenient computerized transcript system:6.033 DesignProject*".
- [5].Ezenma A.A., Emmanuel B, &Choji D. N., (2014)."*Design and Implementation of Result Processing System for Public Secondary SchoolsNigeria*", *International Journal of Computer and January 2014*.
- [6].Eyo O. U and Ofoegbu F. A., (2012). "A Software Application for University Students Results Processing",*Journal of Theoretical and Applied Information Technology*,35 (1),2012.
- [7]. Obiniyi,A.A.and Ezugwu,E.A.(2010)."*Design and Implementation of student information system for tertiary Institution*" Approach",*International Journal of Green Computing*, 1(1), 1-15, January-June 2010.
- [8]Orobor, A. I.,(2015), "A Novel Framework for Student Result Computation as a Cloud Computing Service",*American Journal of Systems and Software*,2015,Vol.3,No.1,13-19 Available online at *Science and Education Publishing DOI:10.12691/ajss-3*
- [9]Ukem , E. O. and Onoyom-Ita,E.O,(2011).*A Software Application For The Processing Of Students Results; Global Journal of Pure and Applied Sciences*Volume 17 No. 4, 2011.
- [10].Okonigene,R.E.,Ighalo,G.I.,Ogbeifun,E.(2008).*Developed Personal Record SoftwareThePacific Journal of Science and Technology*.9(2):407-412