

COLLEGE RESULT MANAGEMENT SYSTEM

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ABSTRACT

In this recent era of globalization and Information technology revolution, everything is done with the help of computing machine thereby creating an ease of use and reliable, portable storage system provided by the service providers all over the globe. In this regard, the internet has always been a backbone support for such online activities for e.g. ticket booking, Hotel booking and many more. Thus an attempt is made to explore the possibilities of automating the underlying manual tedious process and processing into easy automated Result Management System. In this view it is also understood that there should be a system provided by the organisation of academic deal where students/trainees can view, visualize, analyse their academic and other performances online 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 create student result manually which takes lots of time and effort by faculties working on it. Hence in order to simplify this tasks ,a standalone system is introduced which can generate student result.

Keyword : - Result , system, revolution, Internet, globalization

1. INTRODUCTION

This College Result Management is a Software Which is beneficial for administrator or Staff of the college who are facing the problems that is if the student want more information about their courses ,the admin can't be able to provide that. Because of the the data can't be accessed accurately. Peoples are changing them and improved technology and contributing in the digital world. This College Result Management System is a based application developed to maintain the results of the students. Result Management System is an integrated application to automate the result publication procedure of an educational institution. It ensures that all the processes are carried out in time with no scope of human-induced errors. Efforts have been made to define the requirements exhaustively and accurately. Computer or device connected to a network (such as Internet) and ready to use or be used by other computers or devices is online. Today, the technology is growing rapidly; everything can be done with the help of internet. For e.g. reservation of the train or flights, online business, online banking etc. so, there should be a system where the students can view their results, perform certain operation like save, print etc. online. Apart from the individual candidate, their parents and relatives who wish to analyse their ward's performance from anywhere and anytime.

A database is an organized collection of data It is the collection of schemas, tables, queries, reports, views and other objects. The data are typically organized to model aspects of reality in a way that supports processes requiring information, such as modelling the availability of rooms in hotels in a way that supports finding a hotel with vacancies. MySQL is an open-source database management system (DBMS) in July 2013, it was the world's second most widely used DBMS, and the most widely used open-source client-server model DBMS. The SQL abbreviation stands for Structured Query Language.

1.1 Problem Definition:

Existing process of the getting information for the student is done manually. All the wanted information need to be provided by the administration. If the students want to know the results of the particular subject so their should wait for long time because work done manually. The information about their courses , results and other information accessing is not possible. Sometimes the existing system have time consuming to fetch the data and in proper manner.

1.2 Proposed System:

Result Management System is an application which refers to examination system. It is used by the exam cell and students to manage the examination marks using a computerized system where he/she can record various actions like adding subject, adding course, adding student, adding marks. If the Admin wants to edit or delete the attributes they will able to perform the action. With this computerized system there will be no loss of data or no duplicacy will occur which generally happens when a non-computerized system is used. In Result Management System, the Admin can also view the reports what are the subjects, courses, students they have added and they can also edit or delete the reports. The admin can also able to add system user or add a new admin for data entry. To view the results, will the student has to enter their roll number to see their results if they want, they can also print the result from RMS.

2. LITRATURE SURVEY

2.1 Existing algorithm/program

I As mentioned previously, today there exist some computer program which helps user to find and store basic information such as student's name, marks and seat number. Rest all the computational work either needs a different program or is done manually by faculties of that institution.

2.2 Disadvantages of existing system

- O.S dependency if computer program is coded in C language.
- The use of linear search in file handling might increase time complexity.
- NO advanced feature benefit can be used such as in web application.

2.3 Proposed approach and its advantage over existing system:

- User friendly (as faculties can easily use web based application).
- ALL time availability.(system remains available as long as computer is well connected with network).
- Easy computation.
- Easy Storage of data.
- More efficient.
- Requires less effort and time.

3. MODULES

Module 1:- GUI model for admin login details. we are going to design user interface in this module admin have to login by entering the user name and password this all will be considered for performing the actions on result. i.e. Updating ,Inserting and Deleting the result.

1. Encapsulates code and data to implement a particular functionality.
2. Has an interface that lets clients to access its functionality in an uniform manner.
3. Is easily plug-gable with another module that expects its interface.
4. Is usually packaged in a single unit so that it can be easily deployed.

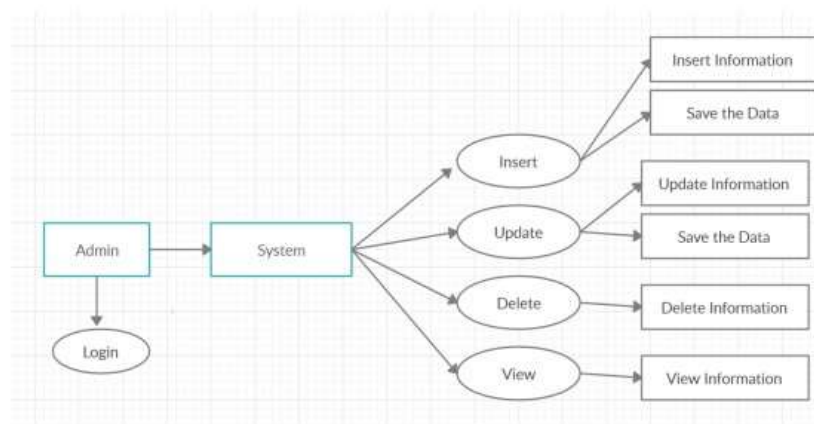
Module 2:- Database creation connectivity. We need to maintain 1 database for storing the information and rejoined our front end with database for proper communication of module and exchange the data enter from software.

Module 3:- Updates and all feature addition module. In this module we will authenticate user by checking all Roll no that it is verified and update details to web server side for updating the details and extracting the features of modules which will represent the security threat of our system.

4. DESIGN

4.1 DFD Diagram:

DFD Level 2 shows the detail flow of system and their interaction. Figure shows DFD Level- 2 of College Result Management System



5. FUTURE SCOPE

Previously, data used to be inserted manually to analyze result. But, Currently the project sql files for extraction of data. The future scope is that data can be fetched, parsed in other formats like doc , csv , odt , etc . Visualization can be provided to represent data in graphical format. Various representation like pie chart , graph , etc . There is a future scope of this facility that many more features can be added such as group chat where students can discuss various issues of engineering can be added to this project thus making it more interactive more user friendly and project which fulfils each users need in the best way possible

The application that will be developed is going to be useful to the colleges And school . There are many other software going to be developed due to this project for college result management system.

1. Schools
2. Universities

6. ACKNOWLEDGEMENT

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7. CONCLUSION

Thus we have concluded that we have developed a system in which Administrator can insert, update, delete and generally view the result and information of the student. It is concluded that the system will works well and thus it will fulfil the end users requirement. The system is tested and errors are accurately. The staff is able to easily understand how this overall application. The system is evaluated, implemented and its performance is found to be satisfactory to the end users. The required result for the user's requirements is generated. Further enhancements can be added to these system like sms Api, search information, because the features of this application is very attractive and it is useful than the present one.

8. REFERENCES

- [1] Chew Li Sa, Dayang Hanani bt. Abang Ibrahim, Emmy Dahliana Hossain, Mohammad bin Hossin, Student performance analysis system (SPAS), 2015.
- [2] Ishwank Singh, A Sai Sabitha, Abhay Bansal, Student performance analysis using clustering algorithm, 2016.
- [3] Sérgio Gonçalves , Davide Carneiro , Javier Alfonso , Florentino Fdez-Riverola, Paulo Novais , Analysis of student's context in e-Learning, 2015.
- [4] Nada Elgendy, Ahmed Elragal, Big Data Analytics: A Literature Review Paper, 2014
- [5] Cloud-Based College Management Information System for Autonomous Institute Rajesh Shah, Makhan Kumbhkar Christian Eminent College Indore, MP, India. (Volume 5, Issue 5, May 2015 ISSN: 2277 128X International Journal of Advanced Research in Computer Science and Software Engineering)
- [6] Framework for Faculty Management System. Unnati A. Patel (International Journal of Application or Innovation in Engineering & Management (IJAIEM) Volume 2, Issue 12, December 2013)
- [7] Cloud-Based College Management Information System for Universities Mary Jane Magno-Tan, Allan V. Crisostomo, Bill Villaflor, and James C. Faller. (International Journal of Information and Education Technology, Vol. 4, No. 6, December 2014)