COLLEGE RESULT MANAGEMENT SYSTEM

Prof.Rohit.A.Kautkar[1], Tejas Vispute[2], Mayureshvar Jdhav[3], Sanket Wankhede[4]

[1] *Professor, Department of Information Technology, Sandip Polytechnic, Maharashtra, India*
[2] *Student , Department of Information Technology, Sandip Polytechnic, Maharashtra, India*
[3] *Student, Department of Information Technology, Sandip polytechnic, Maharashtra,India*
[4] *Student, Department of Information Technology, Sandip polytechnic, Maharashtra, India*

ABSTRACT

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 student result 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.

Keyword - *Analysis , mysql, , validation .*

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 system is to developed to facilitate to provide efficient, inexpensive , well grounded, well planned and comfortable usage of the application for college staff or administrators.
The existing system having very time taking process.
This application can Help the staff to Perform various operation on the result like insert , update, delete and view result etc. very easily. In addition to this project gives a provision of time taken for getting the information will be reduces. This application store the result and meaningful information of the student in database very safely,
when the admin wants to view the result or information about the student then it will easily retrive the information from the database. This application having the unique login module which is only for the trusted administrator or faculty to perform the operations on the result .
In this application the data of the student is very secure.

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

We have successfully proposed the "College Result Management System-" for replacing the manual work of the administration This application is flexible and can easily access by the Admin or faculty .
So the time taken for getting the information will be reduces.

Once we login to the system then is easy and comptatable to admin or faculty to fill the result and information about student. Once the data can be save to the system then the data can be stored to database in safe and proper manner

2. LITERATURE SURVEY

2.1 Existing algorithm/programs:

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.
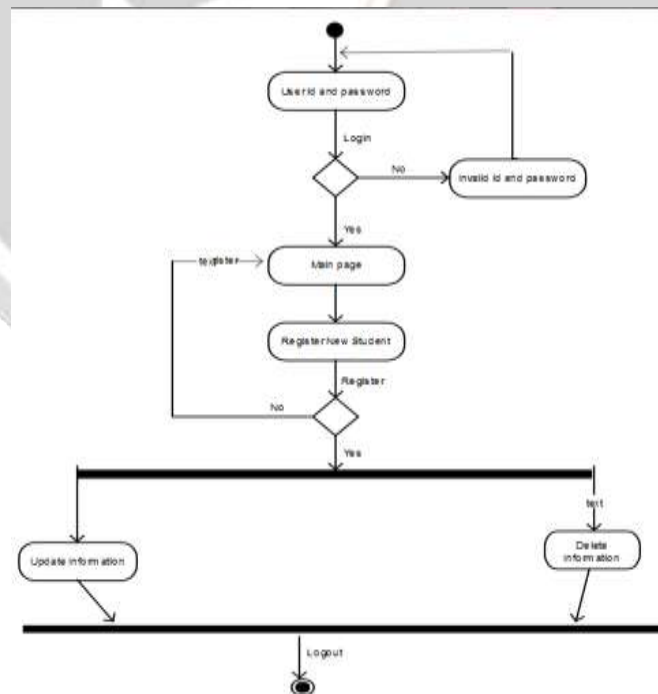
2.2 Disadvantages of existing system:

- 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. ACTIVITY DIAGRAM

Fig -1: Activity diagram for overall system

This is the Activity Diagram of result management system ,Which shows the flows of login activity ,where admin will be able to login using their username and password .After login user can manage all operation on result, subject, class, semester

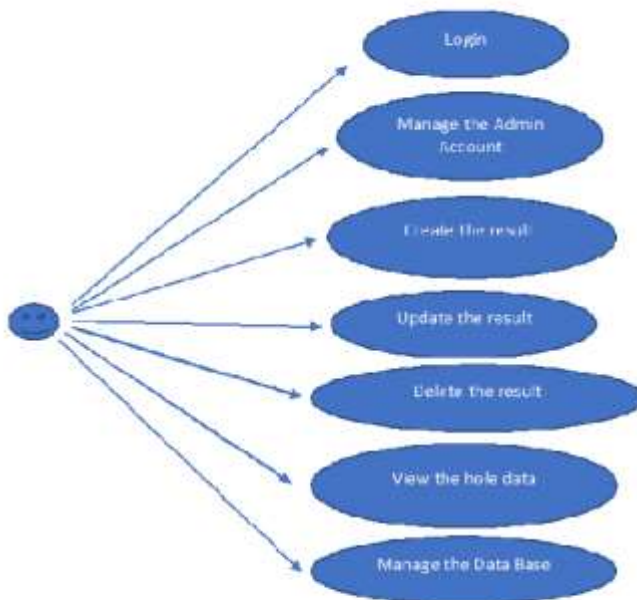## 4. MODULES IN THE SYSTEM:

- Login Module

- Admin Module

4.1 LOGIN MODULE :

In this module login id and password should be unique for the administrator of the college. In this application the system will provide you the unique id which is secure

4.2 ADMIN MODULE:

Admin is main module of the system .In this module ,the admin can create and manage the subjects , classes and can add the students and their results of the students. The admin is only one who have authority to Insert, update ,delete the result and information of the student.

5. DESIGN :

Fig -2: Use case diagram for overall system

Figure 1 gives overall view of the system functionalities. It also shows the relationship between different modules of the system. Viewing use case diagram use of the system can be clearly demonstrated. The three user of the system accesses the system modules according to the privileges provided to them by administrator.

6. 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

7. CONCLUSIONS

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 removed. This application will be accessed from one or more than one system and hence login from more than one system is tested.
This system is user friendly so that everyone can use this application easily. Admin or staff has to give the proper documentation. 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, because the features of this application is very attractive and it is useful than the present one.

8. REFERENCES

[1] [online] Available: https://en.wikipedia.org/wiki/Student_information_s ystem

[2] [online] Available: https://en.wikipedia.org/wiki/Systems_analysis

[3] Chew Li Sa,Dayang Hanani bt. Abang Ibrahim,Emmy Dahliana Hossain,Mohammad bin Hossin, Student performance analysis system (SPAS),2015.

[4] Ishwank Singh,A Sai Sabitha,Abhay Bansal,Student performance analysis using clustering algorithm,2016.

[5] Sérgio Gonçalves ,Davide Carneiro , Javier Alfonso ,Florentino Fdez-Riverola, Paulo Novais ,Analysis of student's context in e-Learning, 2015.

[6] Nada Elgendy,Ahmed Elragal,Big Data Analytics: A Literature Review Paper,2014.