

Student Result Automation System

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Abstract: Student Result Automation System is an Android application in which students can enroll the register number and password as DOB to manage all the student results at every semester. It is an online system that can be accessed throughout the college system process. This system stores the list of student's details as register number and date of birth along with the relevant information such as Subject name, code, internal and external marks etc. This system has total time for reduce the manual work of calculation and auto-generated the marks along with CGPA. Student Result Automation System helps to make the college semester result process and easier to check the result through the application.

Keywords: Student result automation, database.

1. Introduction

Today when the college semester result has been published through their college website to enroll their Register number and password to check the result is very slow process and consuming to load the webpage. In the modern world of technology, It has "Android Application System" maintaining information of an educational institute, college and university results. The result has been published when the university declared to say the college sites that are uploaded on it. It can handle the details of subject codes; marks and all students register number and password as date of birth to check the result. The student database has been designed taking into account the practical level as well as user level. The main aim of our project is to develop the application which will be useful in college to check the result through an application. As this Student Result Automation System project includes the result process of student, starting to check the result of every semester when the university has been declared on it. It is a user-friendly application to helpful for a student to view the result of it.

Student result are a vital part of any college's running because students can update performance from every semester. The student result is one of the most important systems within a college as one cannot survive without students. The CGPA has been calculated through the marks their adapted at every subject that there are taken out of it. The process begins with a potential student completing to view the result from the Universities and Colleges that are excepted, the first step for students is to enroll the register which is given form the university to check the result with the help of password to display the result on it. The next step is for the Result is auto-calculated the CGPA of every student by taking their marks.

The application in its entirety is then forwarded, complete with a recommendation, to the respective departments to be download the application, who has the final say as to whether each potential student is Accepted or rejected. Before making a decision. This application says the result with a ranking system of CGPA and decided to evaluate the First class and Second class.

2. Supplementary Requirements

Reduce the Cost of a Result process: The main aim of the System is to reduce the cost needed for Result process so it automatically reduces the manual calculation needed to perform the entire subject's marks and calculate of CGPA as improve the quality of the work.

Increase the Quality of the Process: The System facilitates the work of the universities and the same time it must reduce the work load of the universities with expected quality. Quality in the sense, the system tries to avoid the mistakes that are usually happen during the Result Process because names of the students' codes sometimes missed in the result list. Make the Interface Simple as Possible.

Reduced Time: To perform any task time is one of the important factors to consider. If the system not utilize properly time, then the entire aim of system is fails and the system is fails to reach its goal. So, time take to process all these activities should be less but the output should be effective.

3. Results and Discussions

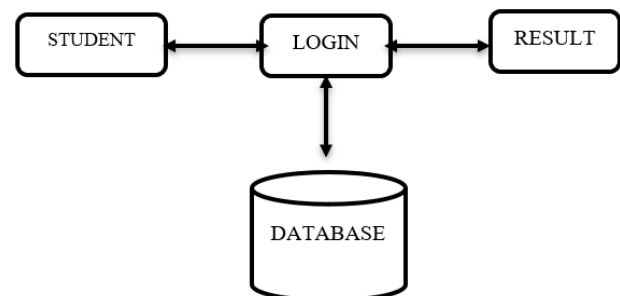


Fig. 1. System architecture

The study exhibits that the Application system has greatly simplified the manual calculation of every subject and also calculate the overall the CGPA. The system seems to be user-friendly; time and cost saving and reduces the human efforts involved in the process. Several tasks with huge data like

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uploaded students' data file, add programme intake details, downloaded the student result easily by clicking just single button. This system in the current scenario completely meets the requirement which was set when this research was conceived. We can say that the application is ready for implementation which will provide better efficiency and services. It will help the students to reduce their workload and the time spent of reload the college website to view the result. The system may have to be modified from time to time to cope with the requirements that would arise with time. Still, this system will help a lot to organize the records of student's data on the day of publishing the result. Hopefully, it would be bugs free in the current form, but even if it's not, it has been written in such a way that it's easily maintainable.

Presently the system maintains information about students' data when the emergency process of evaluate or reevaluation the subject. The system can be updated to store the result with the department wise to generated. The system can also be updated for seeing the student result from online mode and receives the result to be download. Further, in future, we would like to recommend certain valuable additions to the system.

4. Conclusion

In this way we are going to develop the application of student result automation system, which is helpful for reduction in

manual work so less manpower required. Students' result can be viewed within few seconds, the application has given full clarity of result system process to the students. Our system primarily focuses on building an efficient and user friendly to update the process of result system to maintain the effective way.

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