

## COLLEGE RESULT REPORT GENERATOR

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### ABSTRACT:

College result report generator is a software which is helpful for the colleges to reduce the manual work. The present paper intends to describe a solution to analyze the student result data collected from the university website. In our proposed system, the system was designed to extract data from excel files and stores in database. The database holds the list of student details of all the branches in every year and in each semester result. This report includes the computation of GPA, SGPA and generation of analyzed report sheets and graphs by using the result uploaded. This software uses the student details to check whether the uploaded result file details are matched or not. This system has the user interfaces like login page, upload page, add and view student, add and view faculty etc. to interact with the system. This system was evolved by using the PHP, CSS, MYSQL.

### KEYTERMS:

Result, report, percentage, student, subject, SGPA, analysis, semester, course, graphs, pass and failure, academic, MYSQL Database.

### INTRODUCTION:

The main objective of the student result analysis system is to manage the details of the result, progress, student, course, and exam. It manages all the information about the result and analyze it in an efficient manner. The only moto of the project is to make the process easy to generate the report, progress, activity, and student. It tracks all the details about the result. The reason to extract this project is the analysis of the result as much as important of getting result. Every educational institution needs this analysis to compare the academic standard with previous session. But this entire process will take almost 4 hours of time for every single batch of students. The main moto of this project is to reduce man stress by automating this project.

### LITERATURE REVIEW:

Generally, the result analysis and their corresponding calculation will be done manually. It might be tough for universities, higher academic colleges, graduation colleges, post-graduation colleges because it has many branches, many academic years, and more range of classes. Based on the regulation some universities may include grading system, it includes SGPA, CGPA etc. These all should be maintained perfectly and it may be a bit heavier task. That is the reason to have more probability for having some flaws in calculations or in analysis. So, our automation project helps to make the process easy by avoiding the flaws and errors. The analysis project can be done in many ways by using data mining techniques, using java etc. Here we are using PHP, MYSQL and HTML for frontend. Finally, our project will play a major role in future because it reflects the automation. Now people are greedy and want to be aware of updated technology which makes the task easier, so it will be used mostly to maintain the good performance.

### CURRENT SYSTEM:

Today there exist some computer program which helps user to find and store student marks. The remaining calculation part should be done manually or by using a separate program. In the Existing system, the process takes more time to search the student result because of filtering the rows and columns from result source. In this, analyzing the result is also tough. More manual works should need to complete the process.

### PROPOSED SYSTEM:

Now the only process to be done is uploading a file by the admin and uploading the details of the students, faculty, subjects, faculty assigned for every subject. The internal process is calculating the result in the form of subject wise percentage, overall percentage, total failure information, graphical representation of result will be in the form of bar graphs.

**SYSTEM DESIGN:**

After the analysis it must be clear what to be done. In system design, we plan to do in which way the application should be used. Individual physical analysis we prepare a blue print for the system. Actually, the system design is the process of planning a new business system or one to replace or complement an existing system and should think about the task of the project and design of the project and that design tells that how we accomplish the objectives. Instead of our current solution, we should make another solution. It is the initiation of system design. This design will bring the details of those requirements identified during system analysis. It will be called as logical design and the process of creating the software of program referred to as physical design.

**SYSTEM ARCHITECTURE:** Object oriented design is concerned with developing an object-oriented model of a software to implement the identified requirements. It includes classes, objects, interfaces that will satisfy the requirements. The only phrase to describe the importance of related software design is "Quality". The system should be in a very qualitative manner.

**OBJECTIVES OF THE PROJECT:**

This project generates the following reports by selecting the required academic year, educational year, semester, course:

Student wise result analysis: This report contains the number of subjects failed, over all percentage, SGPA of every individual.

Graphical representation: This representation is in the form of two types they are:

Bar graphs and Normal graphs. These graphs contain subjects on x-axis and values on y-axis. These graphs represent the number of students appeared and passed with different colors respectively.

Grade analysis: This report contains academic year, subject, faculty name, students appeared and failed, grade filtering, pass and failure percentage. It mainly concentrates on the pass and failure percentage of every individual faculty with respect to their dealing subject in the respective semester.

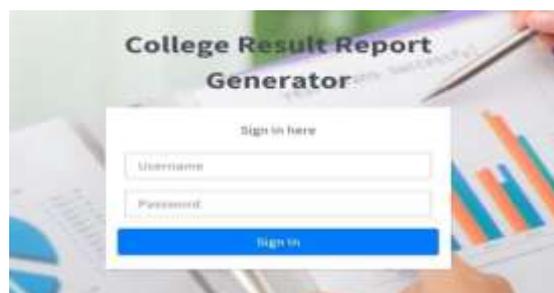
Percentage analysis: It mainly focus on percentage as well as the following:

1. Count of Single subject failures.
2. Number of students failed in three subjects.
3. Number of students appeared.
4. Number of students passed in all subjects.
5. Over all pass percentage.

Some more objectives of this project are:

It contains the list of courses. We can also add new course in the respective column which contains the course name and course short name. For example, CSE.

- We can view the list of courses in the view course column.
- We can view the subjects list after uploading the subjects in view subject column.
- We can view the list of faculties regarding to the branch(course).
- We should map faculty which describes the mapping of faculty with the subject they deal regarding the semester.

**USER INTERFACES:****LOGIN PAGE****UPLOADING RESULT FILE**



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