

PROGRESS REPORT GENERATION

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Abstract

Generating progress report for number of students involves same task need to be performed everytime. As this work involves doing calculation on same rules to makes final results for each results and writing it manually on progress report using pen and paper. So, to eliminate such type of work it's better to achieve this work using computer system. Teachers or persons who will responsible for preparing progress report have to enter only marks of each subject for every students and processing work will take care by the computer system in order to prepare final progress report. Even system will relieve teachers for writing manually on progress report and providing print facility by which, it will enable them to display the marks of each students on paper by just one click. It will only not prepare the progress

report, but also able to store data of each student, so that it can be accessed any time.

Keywords: Internal Assessment System, Marks Entry, PDF generation.

1.Introduction

In the current scenario, evaluating and calculating internal average marks of each student is time consuming as well as requires more human effort. The proposed system helps the faculty to reduce the overhead of marks calculation and to manage them and reduce the paper work, human calculation errors and gives results. This paper mainly includes the details of internal mark of each student in the department. Internal marks are evaluated from the marks obtained by the students for internal assessment. Staff maintains student details

like name, roll no., semester, each unit test marks, and subject wise mark, overall student related details. As per semester and year we are maintain all records in efficient manner through computer. The main advantage is this we store the students details in database.

Purpose

The purpose is a designed to progress report generation which helps in storing an internal marks of the students and to generate a progress report. That should remove the efficiency of errors and mistakes happen while doing it manually.

Objective

- The main feature of this system is to Analyze Student's Performance.
- The system will be generate progress report.
- The system will be reduce the overhead of calculation and maintaining them.
- Generates the progress report according to student's roll number, semester and year.

2. System Design

Progress Report Generation is designed by using asp.net and SQL server.

The front end is designed by using asp.net supported by the back end as SQL server. Framework is used by Visual Studio. Visual Studio is a free, open-source asp.net web framework.

3. Existing System

As the progress report is to be prepared to time, so that results can be declared on desired date, it was not possible manually to achieve this goal. All the tasks has to performed by the class teacher and these teacher also involved in other activities such as checking papers, taking exams, giving lectures etc., So, it was not possible for them to tackle all these tasks at a time. Even some modification is required, they have to start from the beginning like, searching files to get particular student records, going through each subject paper and make alteration if found correct.

Disadvantage

- It gives very less security for saving data.
- Time consuming.
- Needs manual calculation.

4. Proposed System

This system has been developed to eliminate the repetitive tasks which is to be

performed manually thus saving time and investment. The proposed system allows acceptance of details of each student and to store it in a database. It prevents unauthorized access. By using the system we can record the course details, batch details, subject details, internal mark details. It's making possible by just clicking on the required buttons that are displayed on the screen.

Advantage

- Minimize time.
- Giving accurate information.
- Security of data.
- User friendliness and interactive.

5. Module

- Login Form
- Student Details
- Subject Details
- Internal Exam Mark Details
- Students Mark Details
- Generate Report
- Logout

6. Module Description

I. Login Form

In login module, the administrator or teacher uses the module to login to the system

by giving the user-id and password. Thus the module provides security to the system.



II. Student Details

In student details module, the given student details are stored in the database and used to generate the progress report using this module.



III. Subject Details

In subject details module, both the entry and store the subject details. To generate the progress report to add the subject details that can be retrieve from the database.

IV. Internal Exam Mark Details

In internal exam mark details module, both the entry and store the internal exam mark details and to generate the progress report using this module. After the mark details will be store the database.

V. Students Mark Details

In students mark details, to show each and every students mark details that can be retrieve from the database.

VI. Generate Report

In generate report module, reports are generated for each students in the pdf format based on data collected from the above operations.

VII. Logout

In logout module, it ensures that administrator or teacher access and administrator or teacher credentials are safe after the login session.

7. Conclusion

Our main aim through this project is to reduce manual work, to provide efficient way of handling data. The 'progress report' project reduces the work of staff of making entries for each student manually.

In this various information of each student mainly internal marks details has been maintained efficiently. The system has been thoroughly tested with sample of data and the performance of the system proved to be efficient and extremely user-friendly. Also reports can be generated according to the user's requirements.

The Major Advantages Are:

- Easy retrieval of data available in database.
- Very user friendly.
- Very less manual work is needed.

8. Future Scope

- It can also be viewed in mobile format. So that student can see their progress report on their mobile.
- A mobile application can be built for various smartphones such as Android, IOS, and Windows etc.

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