Project Proposal

On

Student Result Management System

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1. Introduction

The main objective of the project is to provide the examination result to the student in a simple way. This project is useful for students and institutions for getting the results in simple manner. By a result analyzer with subject status and marks is an application tool for displaying the results in secure way.

The system is intended for the student. And the privileges that are provided to student are to read and execute his/here result by providing user name and password for secure login and in case of new student the registration is available. And the guest user has the privilege only to read.

The whole result analyser will be under the control of the administrator and the admin as the full privileges to read, write and execute the result. And admin gives the privileges to the Teacher and student and the guest user to access the result.

The student can also share or download his/here result.

2. Motivation

We are working on this project as this project is helpful for both teachers as well as student. As this project provides efficient facility for the students to view their results and for the teachers to add, update, display and delete marks. Therefore we came with this project.

3. Proposed Technologies

1. HTML: **Hypertext Markup Language** (**HTML**) is the standard markup language for documents designed to be displayed in a web browser

2. CSS: For making interfaces more attractive and stylish.

3. JavaScript: JavaScript is the programming language of HTML and the Web which is used to program the behavior of web pages

4. Php: PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages.

5. My SQL: SQL is a standard language for storing, manipulating and retrieving data in databases.

4. Module to be Define

A) Admin

1. He/she is a super user who enjoys all the privileges.
2. Add Update Display Delete Semesters.
3. Add Update Display Delete Subjects and their Full Marks.
4. Create/Approve/Disapprove teacher/student account.
5. View Results of each student and their Percentage.
6. Download Result Report as PDF format
7. Can send instruction/notification to every teacher.
8. Update Records

B) Teachers

1. He/she is required to create account and then gets approved by the admin.
2. View the list of students assigned to them(Automatically show the students list with same semester)
3. Add/Update/Display/Delete Marks for the semester's all subjects added by admin
4. Generate/Download Report of all Results in PDF Format
5. Update Profile
6. Upload Profile Picture
7. Update Password(encrypted format)

C) Students

1. He/she needs to create an account.
2. Can view their Semester Results for All Subjects from anywhere around the globe.
3. Generate/Download Report of Results and Percentage in PDF Format
4. Generate/Download Report of all Results in PDF Format
5. Update Profile

6. Upload Profile Picture
7. Update Password

Future Scope

As the numbers of institutions are increasing day by day. Previously, data used to be inserted manually to analyze result. But, Currently the project supports excel (.xlsx) 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 trepresentations like pie chart, graph, etc.

Audience Target

Mainly we are trying to target the students and teachers as our audience. From this project students as well as teachers get benefitted.

Advantages

- This system helps to reduce the waiting time of the students.
- Students can see their results according to their preference.

Disadvantages

- It requires an internet connection.
- It requires large database.

Software Requirements

- **Database**   : My SQL

- **User Interface Design**   : HTML, CSS, JAVASCRIPT,PHP

- **Web Browser**   : Mozilla, Google Chrome, IE8,OPERA

- **Software**   :   XAMPP/WAMP Server

References

1. https://www.w3schools.com

2. https://www.javatpoint.com

3. https:// www.php.net