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SYNOPSIS ON

**Student Result Management System**

Master of Computer Applications



**Submitted to: Submitted by:**

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1. **Introduction**

**1.1 About Project**

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The Student Result Management System 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 a simple manner.

A result analyzer with subject status and marks is an application tool for displaying the results in a secure way.

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

**1.2 About Language Used**

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Front end: HTML, CSS, JavaScript

1. HTML: HTML is used to create and save web documents. E.g. Notepad/Notepad++
2. CSS : (Cascading Style Sheets) Create attractive Layout
3. Bootstrap : responsive design mobile friendly site
4. JavaScript: it is a programming language, commonly used with web browsers.

**1.3 About Database Used**

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Back end: PHP, MySQL

1. PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.
2. MySQL: MySql is a database, widely used for accessing querying, updating, and managing data in databases.

**2. Present Work**

**2.1 Application**

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PHP and MySQL project on *Student Result Management System* is a web based project and it has been *developed in PHP and MySQL* and we can manage Student, Subject, Teacher, Semester, Result and Class from this project. The main objective to develop the Result Management System PHP and MySQL Project is to overcome the manual errors and make a computerized system.

In this project, there are various types of modules available to *manage Result,* Subject, Student. We can also generate reports for Subject, Student, Semester, Class. Here the Student module manage all the operations of Student, *Subject module* can manage Subject, *Teacher module is normally* developed for managing Teacher, Semester module manages Semester operations, *Result module* has been implemented to manage Result.

This is also a *Major Result Management System Project,* which you can submit in your final year. But if you need Mini Project on Result Management

System then we can develop it also. Also if you are looking for DBMS Project on *Result Management System* then you can develop it in MySQL and

PHP. You can run this project in *XAMPP, WAMP, MAMP or LAMP server.* We have implemented *an advanced search feature for searching records* on various criteria for Subject, Student, *Result also admin can perform Create*, read, update and delete (CRUD) operations on *Teacher, Semester, Class.*

*In this* project all the modules like Student, Semester, Subject are tightly coupled and we can track the information easily.

**Admin Features**

* Admin Dashboard
* Admin can add/update/ Class
* Admin can add/update/ Subjects
* Admin can add/update/ Active/Inactive Subject combination with class
* Admin can register new student and also edit info of the student
* the admin can declare/ edit the result of a student.
* Admin can change own password

### **Students-**

* Students can search their result using valid rollid.
* Students can download the result in the PDF format.

Here, Students can check their results by entering Roll id. Admin can create & manage Classes, subjects.Add & Manage students and Declare Results. This project is done in PHP. It’s easy to operate and understand by users.The design is pretty simple and users won’t find it difficult to understand, use and navigate.

**Hardware and Software Requirements.**

Recommended Operating Systems. Windows: 7 or newer. MAC: OS X v10.7 or higher. Linux: Ubuntu. Hardware Requirements. We strongly recommend a computer fewer than 5 years old. Processor: Minimum 1 GHz; Recommended 2GHz or more. Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)

### **Server Software Requirement(any one)**

* WAMP Server
* XAMPP Server
* MAMP Server
* LAMP Server

**2.2 Limitations**

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1. The student result management system is prone to hacks.

2. Administration cannot edit or modify scores after the deadline.

3. Extensive modules and features make it difficult for a user to utilize the application.

4. Minor technical glitches and issues.

**3. Conclusion**

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The project clearly depicts that the Student Result System is very efficient. It shows how the concept of File Handling can be used in database management systems in absence of databases like Oracle, MySql etc. Although this software can be further modified to be used as multitasking and bigger software, it effectively works under the condition of limited resources and time.

**4. Future Scope**

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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 representations like pie charts , graphs , 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

**5. Reference**

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**HTML, CSS, PHP, JavaScript, Bootstrap and SQL**

[**https://www.w3schools.com/**](https://www.w3schools.com/)

**Project Reference**

[**https://projectworlds.in/**](https://projectworlds.in/)