

**MINI PROJECT - II
(2020-21)**

School management system

MID-TERM REPORT



Institute of Engineering & Technology

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ABSTRACT:

The school management system is a web-based system which will use as a platform for interaction between student, teachers and parents. While the main objective of this project is to computerize the paperwork in the system and automate the work. The computerization is done so that the storage of all the details regarding students and teachers will be stored in the system which makes system centralized and the chance of duplication of any data is minimized. While by doing automation to the system will reduce the time for storing any data in the system.

In the present School Management System, it is uneasy to store the information related to students, faculty and parents on the paper. As there is too many information when someone tries to access any of stored information it becomes a difficult and time-consuming task. While these days parents and faculty have more work than just take care of students it is difficult for both parents and faculty to monitor them. Whereas the storing and retrieving an information is a difficult task, it also requires much amount of unnecessary worker to do the task.

The school management system will manage all the work in any school in particular order so that the time requirement and complexity of the system will be reduced, at first it will focus on student related information. As a student gets the admission in the school system will start managing the details regarding the students. It will manage the fee details, and if the full payment has not done, then it will notify about the fee to a staff of the school. School Management System will then display the date of the test and when the test completes it will display the results of the students. While the parents can use it to monitor their children's performance, also they can contact with the teachers.

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INTRODUCTION:

School management system

School management system project is a project in which one can manage all the activities of a school/college. This project is useful for administration of a school/college where admin can manage school activities like manage students, manage teacher, manage result, manage fee etc.

Language used

The frontend of the project is made by using HTML, CSS and Bootstrap.

For the backend we have used PHP, JavaScript and MYSQL.

Software used

We have used following basics software for the project –

1. Text editor (Atom)
2. Web browser (Google Chrome)
3. Xampp local server

About the project

In our school management system project, we have implemented almost all the basic functionality of a school/college.

We have implemented the following modules or functionality –

1. Admin Login –

First of all, admin have to login to admin dashboard to manage all the activities of a school/college. Admin can login to this project by using the following details –

Email id – admin@gmail.com

Password – admin@123

2. Admin Dashboard –

When admin successfully logged into the project, he will be redirected to dashboard page. We have divided dashboard page into some sections like-

a. Student record –

This section shows the brief detail of all the students in the school/college like total number of the students, total active students and total in-active students. Admin can also see the complete list of all the student in school/college.

b. Teacher record –

This section shows the brief detail of all the teachers in the school/college like total number of the teachers, total active teachers, total in-active teachers. Admin can also see the complete list of the teacher in school/college.

c. News section –

This section shows some latest news. Here admin can show some important news related to school or college.

d. Some important links section –

In this section admin can show some important links that are related to school or students of the schools.

3. Manage students –

As the name of the module this module manage student's activities where admin can manage all the activities like –

- a. Add a student
- b. Edit a student
- c. Search a student
- d. Delete a student
- e. Print all students list

4. Manage teacher –

As the name of the module this module manage teacher's activities where admin can manage all the activities like –

- a. Add a teacher
- b. Edit a teacher
- c. Search a teacher
- d. Delete a teacher
- e. Print all teachers list

5. Manage Result –

This module implements result related activities like –

- a. Add result
- b. Search result
- c. Edit result
- d. Delete result
- e. Print all student's result

6. Manage certificate –

Manage certificate module is used to generate certificate of a student who leave the school. Admin can generate a certificate for a student and provide that certificate to the student. The certificate is auto generated.

7. Manage fee -

This module is used to implement fee related activities like –

- a. Pay fee/Update fee status
- b. Print the list of the student who have paid the fee.
- c. Print the list of the student who haven't paid the fee.

Database –

To store the data of the project we have create following tables in RDBMS –

Students table – This table store all the details of a student.

Students table column – id, roll_no, fname, lname, mother_name, father_name, dob, gender, category, mobile, class, address, status, fee_status

Teachers table – This table store all the details of a teacher.

Teachers table column – id, fname, lname, dob, gender, email, mobile, subject, status, address

Admin table – This table store the admin details.

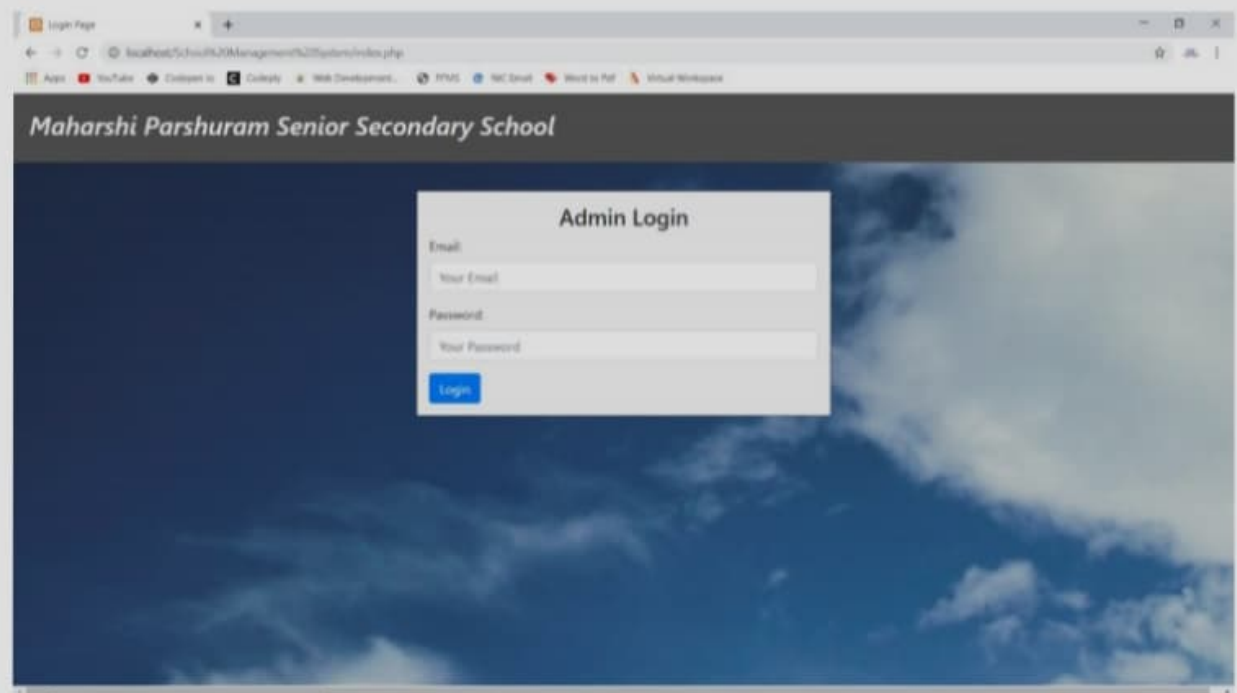
Admin table column – id, name, email, password

Result table – This table store marks of all the students, used to generate result.

PROGRESS

Some screenshots of the project –

Login page –



Dashboard page –

Dashboard

localhost/school%20Management%20System/dashboard.php

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Maharshi Parshuram Senior Secondary School

Home Manage students Manage Teachers Manage Results Generate Certificate Manage Fees Logout

Student's Record

Active: 3
In-Active: 1
Total: 4

View all Students

Teacher's Record

Active: 2
In-Active: 0
Total: 2

View all Teachers

Latest News

1. New registration start from 01 Feb 2021
2. 20th March for school Fee collection

Some Important links:-

- Click here to visit results
- Click here to visit results
- Click here to visit results
- Click here to visit results
- Click here to visit results

Add student page –

Student Registration

localhost/school%20Management%20System/student_register.php

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Student Registration Form

Attention:- * Mark input field are mandatory.

First Name: (*) Enter Name	Last Name: (*) Enter Last Name	Mather Name: (*) Enter Mother Name	Father Name: (*) Enter Father	Date of Birth: (*) dd-mm-yyyy
Gender: (*) -Select-	Category: (*) -Select-	Mobile: (*) Mobile No	Class: (*) -Select-	Status: (*) -Select-
Address: (*) Enter Address Here...			Roll No: (*) Assign Roll No	

Register Reset

Edit student page –

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Roll No: Enter Roll No... Search

Name: Enter Name... Search

Edit Student

Attention:- * Mark input filed are mandatory

Roll No: (*)
 Notice

First Name: (*)

Last Name: (*)

Mother Name: (*)

Father Name: (*)

Date of Birth: (*) dd-mm-yyyy

Gender: (*)

Category: (*)

Mobile: (*)

Class: (*)

Status: (*)

Address: (*)

Print student list page –

List of All Students

S.No	First Name	Last Name	Mother's Name	Father's Name	DOB	Gender	Category	Mobile	Class	Status	Address
1	Rohit	Sharma	Rohit Mother	Rohit father	1994-07-01	Male	GEN	9887547821	12	Active	Plot no 144, San Frans D.C
2	ashok Kumar	Meena	Ashok Mother	Ashok father	2000-07-05	Male	ST	7742424214	10	Active	Ashok Address goes here..
3	Sarika	Meena	sarika monther	Sarika father	2000-07-13	Female	ST	9887452135	8	In-Active	Sarika address goes here...
4	Ajay	Yadav	Ajay father	Ajay Mother	2001-02-01	Male	OBC	988552414	11	Active	Address of Ajay Yadav goes here..

Add teacher page –

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Teacher Registration Form

First Name:

Last Name:

DOB:

Gender:

Email ID:

Mobile No:

Add result page –

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Enter Marks of the Student

Subject	Test1	Test2	Test3
Hindi	<input type="text"/>	<input type="text"/>	<input type="text"/>
English	<input type="text"/>	<input type="text"/>	<input type="text"/>
Maths	<input type="text"/>	<input type="text"/>	<input type="text"/>
Science	<input type="text"/>	<input type="text"/>	<input type="text"/>
Social Sci.	<input type="text"/>	<input type="text"/>	<input type="text"/>

Roll No.

Print result page –

Mahrshi Parshu Ram Sen. Sec. School, Alwar				
Name: Rohit Sharma		Roll No: 1001		
Father's Name: Rohit Father		Date of Birth: 1994-07-01		
Subject	Test1 Marks	Test2 Marks	Test3 Marks	Total Marks
Maths	80	76	65	221
Hindi	75	80	95	250
English	80	82	78	240
Science	88	91	75	234
Social Science	85	90	90	165

Print certificate page –

Mahrshi Parshu Ram Sen. Sec. School, Alwar	
Name: Rohit Sharma	Roll No: 1001
Father's Name: Rohit Father	Date of Birth: 1994-07-01

This is to certified that **Shri Rohit Sharma** S/o **Shri Rohit Father** has successfully completed his/her schooling from our school and now he/she is relieved from here to join next. Wishing him/her very Best luck for future.

Hemant Kumar Meena
(Head of Office)

[Download](#)
[Print Result](#)

IMPLEMENTATION:

CODE FOR STUDENT REGISTER

```
<?php

session_start();

if(isset($_SESSION['email'])){

if(isset($_POST['register'])){

    include('includes/connection.php');

    $query = "insert into students
values(null,$_POST[roll_no],$_POST[fname],$_POST[lname],$_POST[mother_name],$_POST[father_name]
',$_POST[gender]',$_POST[category]',$_POST[mobile],$_POST[class],$_POST[address]',$_POS
T[status])";

    $query_run = mysqli_query($connection,$query);

    if($query_run){

        echo "<script type='text/javascript'>

            alert('Students Registered successfully...');

            window.location.href = 'dashboard.php';

        </script>";

    }

    else{

        echo "<script type='text/javascript'>

            alert('Registration failed...Plz try again. ');

            window.location.href = 'student_register.php';

        </script>";

    }

}

?>

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

    <meta charset="utf-8">

    <title>Student Registration</title>

    <script type="text/javascript">

        function resetData(){
```



```

document.getElementById('fname').value = "";
document.getElementById('lname').value = "";
document.getElementById('father_name').value = "";
document.getElementById('mother_name').value = "";
document.getElementById('dob').value = "";
document.getElementById('gender').value = "";
document.getElementById('category').value = "";
document.getElementById('mobile').value = "";
document.getElementById('class').value = "";
document.getElementById('address').value = "";
document.getElementById('status').value = "";
document.getElementById('roll_no').value = "";
}
</script>
</head>
<body>
<?php include('includes/header.php');?><br>
<center><h4><u>Student Registration Form</u></h4><br></center>
<div class="container">
    <p style="color:red;">Attention:- * Mark input filed are mandatory.</p>
    <form action="" method="POST">
        <table class="table" style="">
            <tr>
                <td>
                    <div class="form-group">
                        <label for="name">First Name:-{<span
style="color:red;">*</span>}</label>
                        <input type="text" class="form-control"
name="fname" placeholder="Enter Name" id="fname" required="">
                    </div>
                </td>
                <td>
                    <div class="form-group">

```

```

                                <label>Last Name:-(<span
style="color:red;">*</span>)</label>

                                <input type="text" class="form-control" name="lname"
placeholder="Enter Last Name" id="lname" required="">

                                </div>

                                </td>

                                <td>

                                <div class="form-group">

                                <label>Mother Name:-(<span

style="color:red;">*</span>)</label>

                                <input type="text" class="form-control"
name="mother_name" placeholder="Enter Mother Name" id="mother_name" required="">

                                </div>

                                </td>

                                <td>

                                <div class="form-group">

                                <label for="name">Father Name:-(<span

style="color:red;">*</span>)</label>

                                <input type="text" class="form-control"
name="father_name" placeholder="Enter Father" id="father_name" required="">

                                </div>

                                </td>

                                <td>

                                <div class="form-group">

                                <label>Date of Birth:-(<span

style="color:red;">*</span>)</label>

                                <input type="date" class="form-control" name="dob"

id="dob" required="">

                                </div>

                                </td>

                                </tr>

                                <tr>

                                <td>

                                <div class="form-group">

                                <label>Gender:-(<span
style="color:red;">*</span>)</label>

```

```

id="gender" required="">
        <select class="form-control" name="gender"
            <option>-Select-</option>
            <option>Male</option>
            <option>Female</option>
            <option>Transgender</option>
        </select>
    </div>
</td>
<td>
    <div class="form-group">
        <label>Category:-(<span
style="color:red;">*</span>)</label>
        <select class="form-control" name="category"
            <option>-Select-</option>
            <option>GEN</option>
            <option>OBC</option>
            <option>SC</option>
            <option>ST</option>
        </select>
    </div>
</td>
<td>
    <div class="form-group">
        <label>Mobile:-(<span
style="color:red;">*</span>)</label>
        <input type="text" class="form-control"
name="mobile" placeholder="Mobile No" id="mobile" required="">
    </div>
</td>
<td>
    <div class="form-group">
        <label>Class:-(<span
style="color:red;">*</span>)</label>

```

```

        <select class="form-control" name="class" id="class" required="">
            <option>-Select-</option>
            <option>6</option>
            <option>7</option>
            <option>8</option>
            <option>9</option>
            <option>10</option>
            <option>11</option>
            <option>12</option>
        </select>
    </div>
</td>

<td>

        <div class="form-group">
            <label>Status:-(<span
style="color:red;">*</span>)</label>
            <select class="form-control" name="status" id="status" required="">
                <option>-Select-</option>
                <option>Active</option>
                <option>In-Active</option>
            </select>
        </div>
    </td>

</tr>

<tr>
    <td colspan="3">
        <div class="form-group">
            <label>Address:-(<span
style="color:red;">*</span>)</label>
            <textarea name="address" rows="4" cols="80"
placeholder="Enter Address Here..." id="address"></textarea>
        </div>
    </td>
    <td>

```



```

if($query_run){
    echo "<script type='text/javascript'>
        alert('Teacher Registered successfully...');
        window.location.href = 'dashboard.php';
    </script>";
}
else{
    echo "<script type='text/javascript'>
        alert('Registration failed...Plz try again. ');
        window.location.href = 'teacher_register.php';
    </script>";
}
}
?>

<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
    <meta charset="utf-8">
    <title>Student Registration</title>
    <script type="text/javascript">
        function resetData(){
            document.getElementById('fname').value = "";
            document.getElementById('lname').value = "";
            document.getElementById('dob').value = "";
            document.getElementById('gender').value = "";
            document.getElementById('email').value = "";
            document.getElementById('mobile').value = "";
            document.getElementById('subject').value = "";
            document.getElementById('address').value = "";
            document.getElementById('status').value = "";
        }
    </script>
</head>

```

```

<body>

<?php include('includes/header.php');?><br>

<div class="row">

    <div class="col-md-4 m-auto">

        <center><h4><u>Teacher Registration Form</u></h4></center><br>

        <div class="container">

            <form action="" method="POST">

                <div class="form-group">

                    <label for="name">First Name:</label>

                    <input type="text" class="form-control" name="fname"
placeholder="Enter First Name" id="fname" required="">

                    </div>

                <div class="form-group">

                    <label for="name">Last Name:</label>

                    <input type="text" class="form-control" name="lname"
placeholder="Enter Last Name" id="lname" required="">

                    </div>

                <div class="form-group">

                    <label for="name">DOB:</label>

                    <input type="date" class="form-control" name="dob" id="dob"
required="">

                    </div>

                <div class="form-group">

                    <label>Gender:</label>

                    <select class="form-control" name="gender" id="gender" required="">

                        <option>-Select-</option>

                        <option>Male</option>

                        <option>Female</option>

                        <option>Transgender</option>

                    </select>

                </div>

                <div class="form-group">

                    <label for="name">Email ID:</label>

```

```
<input type="email" class="form-control" name="email"
placeholder="Enter email ID" id="email" required="">

</div>

<div class="form-group">

    <label for="name">Mobile No:</label>

    <input type="text" class="form-control" name="mobile"
placeholder="Enter Mobile No" id="mobile" required="">

</div>

<div class="form-group">

    <label for="name">Subject:</label>

    <input type="text" class="form-control" name="subject"
placeholder="Enter Subject" id="subject" required="">

</div>

<div class="form-group">

    <label>Status:</label>

    <select class="form-control" name="status" id="status" required="">

        <option>-Select-</option>

        <option>Active</option>

        <option>In-Active</option>

    </select>

</div>

<div class="form-group">

    <label>Address:</label>

    <textarea name="address" rows="4" cols="80" placeholder="Enter Address Here..."
id="address"></textarea>

</div>

<button type="submit" class="btn btn-primary" name="register">Register</button>&nbsp;&nbsp;&nbsp;

<button type="button" class="btn btn-danger" name="reset" onclick="resetData()" >Reset</button>

</form><br><br>

</div>

</div>

</div>

</body>

</html>
```



```
<?php
}
else{
    echo "<script type='text/javascript'>
        window.location.href = 'index.php';
    </script>";
}
?
```

REFERENCES:

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