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# MINI PROJECT

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CSM04 – INTERNET PROGRAMMING



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SAYEEDA BEGAM M

20MT1041

B.TECH MECHATRONICS , III YEAR

31-MARCH-2023.

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# index.html

## Page 1

```
<!DOCTYPE html>
<html>
<head>
    <link rel="stylesheet" type="text/css" href="style.css">
    <title>Online Examination system</title>
</head>
<body>
    <nav class="navbar">
        <div class="logo">
            
        </div>
        <div class="title">
            <h1>Puducherry Technological University </h1>
            <p>Controller of Examination</p>
        </div>
    </nav>
    <div class="main">
        <form action="Student_details.html">
            <h1>Staff Login</h1>
            Staff Id<br><br>
            <label class="validation-error hide" id="StaffIDvalidationError">This
field is required</label>
            <input type="text" name="staffId" placeholder="Enter the register
no"><br><br>
            Password<br><br>
            <label class="validation-error hide" id="PasswordvalidationError">This
field is required</label>
            <input type="password" name="password"><br><br>
            <button type ="submit">Login</button><br><br>
            <a href="login.php">Forgot Password ? </a>
        </div>
        <div id="message">
            <h3>Password must contain the following:</h3>
            <p id="letter" class="invalid">A <b>lowercase</b> letter</p>
            <p id="capital" class="invalid">A <b>capital (uppercase)</b>
letter</p>
            <p id="number" class="invalid">A <b>number</b></p>
            <p id="length" class="invalid">Minimum <b>8 characters</b></p>
        </div>
        <div class="footer">
            <div class="t2">
                <h2>Puducherry Technological University</h2>
                <p>East coast Road, Pillaichavady,, Puducherry<br>India</p>
            </div>
        </div>
    </div>
</body>
</html>
```

```

        </div>
        <div class="contact">
            <p> Fax: 2655101<br>
                Email:info@ptuniv.edu.in<br>
                Web: https://www.ptuniv.edu.in</p>
        </div>
    </div>
    <script src="validation.js"></script>

</body>

</html>

```

## style.css

```

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: sans-serif;
}
.navbar{
    display: inline-flex;
    width: 100%;
    height: 150px;
    background: #820000;
}
.navbar .logo {
    height: 100px;
    width: 100px;
    margin-left: 40px;
}
.navbar .logo img{
    height: 80px;
    width: 80px;
    margin-top: 18px;
    border-radius: 50%;
}
.navbar .title h1{
    color: white;
    font-size: 28px;
    margin: 20px;
}
.navbar .title p{
    color: white;
    margin: 20px;
    font-size: 22px;
}
.navbar .list{

```

```
        margin-top: 80px;
        margin-left: 50px;
    }
    .navbar .list a{
        color: white;
        text-decoration: none;
        font-size: 20px;
        margin: 20px;
    }
    .main{
        margin-left: 40%;
        margin-top: 1.5%;
    }
    .main h1{
        color: #820000;
        padding: 20px;
    }
    .main input{
        outline: none;
        padding: 2px;
        height: 30px;
        width: 300px;
    }
    .main button{
        color: white;
        background:#820000;
        width: 100px;
        height: 25px;
        cursor: pointer;
        border :none;
        outline: none;
        font-size: 20px;
    }
    .main a{
        text-decoration: none;
    }
    .footer{
        display:flex;
        width: 100%;
        height: 100px;
        background: #820000;
        margin-top: 190px;
    }
    .footer .t2 h2{
        color: white;
        font-size: 30px;
    }
```

```
        margin-left: 50px;
        padding-top: 10px;
    }
    .footer .t2 p{
        color:white;
        margin-left: 50px;
    }
    .footer .contact{
        margin-left: 600px;
        padding-top: 10px;
    }
    .footer .contact p{
        color: white;
    }
    label.validation-error{
        color: red;
        margin-left: 5px;
    }
    .hide{
        display:none;
    }
    #message {
        display:none;
        background: #f1f1f1;
        color: #000;
        position: relative;
        padding: 20px;
        margin-top: 10px;
    }
    #message p {
        padding: 10px 35px;
        font-size: 18px;
    }
```

## validation.js

```
// Get form inputs and error labels
const form = document.querySelector('form');
const staffIdInput = document.querySelector('input[name="staffId"]');
const passwordInput = document.querySelector('input[name="password"]');
const staffIdError = document.getElementById('StaffIDvalidationError');
const passwordError = document.getElementById('PasswordvalidationError');

// Function to validate the form inputs
function validateForm(event) {
  // Prevent form submission
  event.preventDefault();

  // Reset error messages
  staffIdError.classList.add('hide');
  passwordError.classList.add('hide');

  // Check if staffId is empty
  if (staffIdInput.value.trim() === '') {
    staffIdError.classList.remove('hide');
    return;
  }

  // Check if password is empty
  if (passwordInput.value.trim() === '') {
    passwordError.classList.remove('hide');
    return;
  }

  // Submit the form if all inputs are valid
  form.submit();
}

// Attach the validateForm function to the form submit event
form.addEventListener('submit', validateForm);
```

# login.php

```
<?php

session_start();

// Include database connection file
// Create a new record in the database
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "login";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

if (isset($_POST['staffId']) && isset($_POST['password'])) {

    function validate($data){
        $data = trim($data);
        $data = stripslashes($data);
        $data = htmlspecialchars($data);
        return $data;
    }

    $staffId = validate($_POST['staffId']);
    $password = validate($_POST['password']);

    if (empty($staffId)) {
        header("Location: index.html?error=User Name is required");
        exit();
    } else if (empty($password)) {
        header("Location: index.html?error=Password is required");
        exit();
    } else {
        $sql = "SELECT * FROM users WHERE staffId='$staffId'";
        $result = mysqli_query($conn, $sql);

        if (mysqli_num_rows($result) === 1) {
            $row = mysqli_fetch_assoc($result);

            // Hash the password entered by the user
            $hashed_password = password_hash($password, PASSWORD_DEFAULT);
```

```
        // Compare the hashed password with the one in the database
        if (password_verify($password, $row['password'])) {
            $_SESSION['staffId'] = $row['staffId'];
            header("Location: StudentDetails.html");
            exit();
        } else {
            header("Location: index.html?error=Incorrect User name or
password");
            exit();
        }
    } else {
        header("Location: index.html?error=Incorrect User name or
password");
        exit();
    }
}
} else {
    header("Location: index.html");
    exit();
}
?>
```



# Student\_details.html

## Page 2

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!--Title-->
    <title>StudentDetails</title>
    <!-- CSS File-->
    <link rel="stylesheet" href="style_1.css">
</head>
<body>
    <CENTER><h2>Student Records</h2></CENTER>
    <!--Table-->
    <table>
        <!--Row-1-->
        <tr>
            <!--Column-1-->
            <td>
                <!--Form-->
                <form onsubmit="event.preventDefault();onFormSubmit();"
autocomplete="off">
                    <h3>Student Form</h3>
                    <!--div-1-->
                    <div>
                        <label>Full Name</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"
id="userNamevalidationError">This field is required</label>
                        <!--Input User Name-->
                        <input type="text" name="userName" id="userName"
placeholder="Enter the user Name">
                    </div>
                    <!--div-2-->
                    <div>
                        <label>Register No</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"
id="rollNovalidationError" >This field is required</label>
                        <!--Input Roll No-->
                        <input type="text" name="rollNo" id="rollNo"
placeholder="Enter the Roll number">
                    </div>
                    <!--div-3-->
```

```

        <div>
            <label>Student Class</label>
            <!--Validation Error-->
            <label class="validation-error hide"
id="stdClassvalidationError">This field is required</label>
            <!--Input Student Class-->
            <input type="text" name="stdClass" id="stdClass"
placeholder="Enter the Student Class">
        </div>
        <!--div-4-->
        <div>
            <label>Total Subject</label>
            <!--Validation Error-->
            <label class="validation-error hide"
id="tsubvalidationError">This field is required</label>
            <!--Input Total Subject-->
            <input type="number" name="tsub" id="tsub"
placeholder="Enter the Total Subjects">
        </div>
        <!--div-5-->
        <div>
            <label>Age</label>
            <!--Validation Error-->
            <label class="validation-error hide"
id="agevalidationError">This field is required</label>
            <!--Input Age-->
            <input type="number" name="age" id="age"
placeholder="Enter the Age">
        </div>
        <!--div-6-->
        <div class="form-action-buttons">
            <!--Input Button-->
            <input type="submit" value="Enter">
        </div>
    </form>
</td>
<!--Column-2-->
<td>
    <!--Nested Table-->
    <table class="list" id="stdlist" style="background-color:
#C2976D;">

        <!--Table Head-->
        <thead>
            <!--Row-2-->
            <tr>
                <th>Full Name</th>
                <th> Roll no</th>
                <th>Class</th>

```

```

                <th>Total Subject</th>
                <th>Age</th>
                <th>Action</th>
            </tr>
        </thead>
        <!--Table Body-->
        <tbody>
        </tbody>
    </table>

    </td>
</tr>
</table>
<div class=center>
    <!--Input Button-->
    <form onsubmit="event.preventDefault();onFormSubmit();"
autocomplete="off" action="submit.php">
        <input type="submit" value="submit" name="submit"
formaction="submit.php" >

    </div>
    <!-- JS File-->
    <script src="script.js"></script>
</body>
</html>

```

## style\_1.css

```

body > table{
    width: 100%;
}
table{
    border-collapse: collapse;
    text-align: center;
    font-size: large;
}
table.list{
    width:100%;
    text-align: center;
}
table.list td{
    text-align: center;
}
td, th {
    border: 8px solid #dddddd;
    text-align: left;
    padding: 7px;
}

```

```

}
tr:nth-child(even),table.list thead>tr {
    background-color: #dddddd;
}
input[type=text], input[type=number] {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 2px solid;
    border-radius: 4px;
    box-sizing: border-box;
}
input[type=submit]{
    width: 30%;
    color: #000;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
form{
    background-color:#ddd;
    padding: 20px;
}
form div.form-action-buttons{
    text-align: center;
    font-size: 100%;
}
a{
    cursor: pointer;
    text-decoration: underline;
    color: #0000ee;
    margin-right: 4px;
}
label.validation-error{
    color: red;
    margin-left: 5px;
}
.hide{
    display:none;
}
.center{
    text-align:center;
    margin-top: 1%;
}

```

## script.js

```
var selectedRow = null

// Form Submit Function
function onFormSubmit() {
    // check validity
    if (validate()) {
        // store user data
        var formData = readFormData();
        // check empty row
        if (selectedRow == null)
        {
            // Insert New User Record
            insertNewRecord(formData);
        }
        else
        {
            // Update New User Record
            updateRecord(formData);
        }
        // Reset Input Values
        resetForm();
    }
}

// Get Values From Form
function readFormData() {
    var formData = {};
    // Get Values From Input
    formData["userName"] = document.getElementById("userName").value;
    formData["rollNo"] = document.getElementById("rollNo").value;
    formData["stdClass"] = document.getElementById("stdClass").value;
    formData["tsub"] = document.getElementById("tsub").value;
    formData["age"] = document.getElementById("age").value;
    // return Form Data
    return formData;
}

// Insert New User Record
function insertNewRecord(data) {
    var table =
document.getElementById("stdlist").getElementsByTagName('tbody')[0];
    var newRow = table.insertRow(table.length);
    cell1 = newRow.insertCell(0);
    cell1.innerHTML = data.userName;
    cell2 = newRow.insertCell(1);
    cell2.innerHTML = data.rollNo;
    cell3 = newRow.insertCell(2);
    cell3.innerHTML = data.stdClass;
```

```

        cell4 = newRow.insertCell(3);
        cell4.innerHTML = data.tsub;
        cell5 = newRow.insertCell(4);
        cell5.innerHTML = data.age;
        cell5 = newRow.insertCell(5);
        cell5.innerHTML = `

```

```

        if (document.getElementById("userName").value == "") {
            isValid = false;
            document.getElementById("userNamevalidationError").classList.remove("hide");
        } else {
            isValid = true;
            if
(!document.getElementById("userNamevalidationError").classList.contains("hide"))
            {
                document.getElementById("userNamevalidationError").classList.add("hide");
            }
        }
        // Roll No validation
        if (document.getElementById("rollNo").value == "") {
            isValid = false;
            document.getElementById("rollNovalidationError").classList.remove("hide");
        } else {
            isValid = true;
            if
(!document.getElementById("rollNovalidationError").classList.contains("hide"))
            {
                document.getElementById("rollNovalidationError").classList.add("hide");
            }
        }
        // Std class validation
        if (document.getElementById("stdClass").value == "") {
            isValid = false;
            document.getElementById("stdClassvalidationError").classList.remove("hide");
        } else {
            isValid = true;
            if
(!document.getElementById("stdClassvalidationError").classList.contains("hide"))
            {
                document.getElementById("stdClassvalidationError").classList.add("hide");
            }
        }
        // Tsub validation
        if (document.getElementById("tsub").value == "") {
            isValid = false;
            document.getElementById("tsubvalidationError").classList.remove("hide");
        }
    };

```

```

        } else {
            isValid = true;
            if
(!document.getElementById("tsubvalidationError").classList.contains("hide"))
            {
                document.getElementById("tsubvalidationError").classList.add("hide
");
            }
        }
        // Age validation
        if (document.getElementById("age").value == "") {
            isValid = false;
            document.getElementById("agevalidationError").classList.remove("hide")
;
        } else {
            isValid = true;
            if
(!document.getElementById("agevalidationError").classList.contains("hide"))
            {
                document.getElementById("agevalidationError").classList.add("hide"
);
            }
        }
        return isValid;
    }
}

```

## Submit.php

```

<?php

// Check if the form has been submitted
if(isset($_POST['submit'])) {

    // Get the input values from the form
    $fullName = $_POST['fullName'];
    $registerNo = $_POST['registerNo'];
    $studentClass = $_POST['studentClass'];
    $totalSubjects = $_POST['totalSubjects'];
    $age = $_POST['age'];

    // Create a new record in the database
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "details";

    // Create connection
    $conn = new mysqli($servername, $username, $password, $dbname);
}

```



```
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Prepare and bind the SQL statement
$stmt = $conn->prepare("INSERT INTO students (fullName, registerNo,
studentClass, totalSubjects, age) VALUES
(fullName,registerNo,studentClass,totalSubjects,age)");

$stmt->bind_param("sssss", $fullName, $registerNo, $studentClass,
$totalSubjects, $age);

// Execute the statement and check for errors
if ($stmt->execute() === TRUE) {
    echo "New record created successfully";
} else {
    echo "Error: " . $stmt->error;
}

// Close the statement and the connection
$stmt->close();
$conn->close();
}
?>
```

Online Examination system

127.0.0.1:5501/index.html

**Puducherry Technological University**  
Controller of Examination

### Staff Login

Staff Id

Enter the register no

Password

Login

[Forgot Password ?](#)

**Puducherry Technological University**  
East coast Road, Pillaichavady,, Puducherry  
India

Fax: 2655101  
Email: info@ptuniv.edu.in  
Web: https://www.ptuniv.edu.in

Fig 1: index.html overview

**Puducherry Technological University**  
Controller of Examination

### Staff Login

Staff Id

This field is required Enter the register no

Password

Login

[Forgot Password ?](#)

**Puducherry Technological University**  
East coast Road, Pillaichavady,, Puducherry  
India

Fax: 2655101  
Email: info@ptuniv.edu.in  
Web: https://www.ptuniv.edu.in

Fig 2: validation.js



**Puducherry Technological University**

Controller of Examination

### Staff Login

Staff Id

Sayeeda

Password

This field is required

Login

[Forgot Password ?](#)

**Puducherry Technological University**

East coast Road, Pillaichavady., Puducherry  
India

Fax: 2655101  
Email: [info@ptuniv.edu.in](mailto:info@ptuniv.edu.in)  
Web: <https://www.ptuniv.edu.in>

*Fig 3:validation.js*

The screenshot shows the phpMyAdmin interface with the 'login' table selected in the 'information\_schema' database. The table structure is displayed with columns: id, staffid, and password. The data table shows two rows: 1 Sayeeda Admin and 2 Mary Admin1. The interface includes a sidebar with a tree view of databases and tables, a top menu bar with options like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers, and a main content area with a query editor and results display. The query editor shows the SQL query 'SELECT \* FROM `login`'. The results display shows the data table with columns id, staffid, and password. The interface also includes a 'Query results operations' section with buttons for Print, Copy to clipboard, Export, Display chart, and Create view. At the bottom, there is a 'Bookmark this SQL query' section with a label input field and a checkbox for 'Let every user access this bookmark'.

*Fig 4: Login table*

StudentDetails

127.0.0.1:5501/Student\_details.html

Student Records

Student Form

Full Name

Enter the user Name

Register No

Enter the Roll number

Student Class

Enter the Student Class

Total Subject

Enter the Total Subjects

Age

Enter the Age

Enter

Full Name	Roll no	Class	Total Subject	Age	Action
-----------	---------	-------	---------------	-----	--------

submit

Fig 5: Student\_details.html

Student Records

Student Form

Full Name This field is required

Enter the user Name

Register No This field is required

Enter the Roll number

Student Class This field is required

Enter the Student Class

Total Subject This field is required

Enter the Total Subjects

Age This field is required

Enter the Age

Enter

Full Name	Roll no	Class	Total Subject	Age	Action
-----------	---------	-------	---------------	-----	--------

submit

Fig 6: script.js

Student Records

**Student Form**

Full Name

Register No

Student Class

Total Subject

Age

Enter

Full Name	Roll no	Class	Total Subject	Age	Action
Sayeeda	20MT1041	A	10	21	<a href="#">Edit</a> <a href="#">Delete</a>
Sathosh.P	20MT1038	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Susmitha AK	20MT1048	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Manoj Kumar P	20MT1026	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Shanmugasundari V	20MT1042	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>

*Fig 7: Data entering table view*

Student Records

**Student Form**

Full Name This field is required

Register No This field is required

Student Class This field is required

Total Subject This field is required

Age This field is required

Enter

Full Name	Roll no	Class	Total Subject	Age	Action
Sayeeda	20MT1041	A	10	21	<a href="#">Edit</a> <a href="#">Delete</a>
Sathosh.P	20MT1038	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Susmitha AK	20MT1048	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Manoj Kumar P	20MT1026	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Shanmugasundari V	20MT1042	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>

*Fig 8:On Clicking edit of that particular Column*

127.0.0.1:5501 says  
Are you sure to delete this record ?  

OK
Cancel

### Student Form

Full Name This field is required

Register No This field is required

Student Class This field is required

Total Subject This field is required

Age This field is required

Enter

Full Name	Roll no	Class	Total Subject	Age	Action
Sayeeda	20MT1041	A	10	21	<a href="#">Edit</a> <a href="#">Delete</a>
Sathosh.P	20MT1038	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Susmitha AK	20MT1048	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Manoj Kumar P	20MT1026	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>
Shanmugasundari V	20MT1042	A	10	20	<a href="#">Edit</a> <a href="#">Delete</a>

submit

Fig 9: On clicking delete

phpMyAdmin

Server: 127.0.0.1 » Database: details » Table: details

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 4 (5 total. Query took 0.0002 seconds)

SELECT \* FROM 'details'

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table

Extra options

Id	fullName	registerNo	studentClass	totalSubjects	age
1	Sayeeda	20MT1041	A	10	21
2	Sathosh.P	20MT1038	A	10	20
3	Susmitha AK	20MT1048	A	10	20
4	Manoj Kumar P	20MT1026	A	10	20
5	Shanmugasundari V	20MT1042	A	10	20

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Console

Fig 10: Inserted values on clicking submit