

MINI PROJECT

CSM04 – INTERNET PROGRAMMING





SAYEEDA BEGAM M

20MT1041

 ${\tt B.TECH\ MECHATRONICS\ ,\ III\ YEAR}$

31-MARCH-2023.

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">
           <img src="logo.jpeg">
       </div>
       <div class="title">
           <h1>Puducherry Technological University </h1>
           Controller of Examination
       </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</pre>
no"><br><br><br></pr>
       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><</pre>
       <a href="login.php">Forgot Password ? </a>
   </div>
   <div id="message">
       <h3>Password must contain the following:</h3>
       A <b>lowercase</b> letter
       A <b>capital (uppercase)</b>
letter
       A <b>number</b>
       Minimum <b>8 characters</b>
     </div>
   <div class="footer">
       <div class="t2">
           <h2>Puducherry Technological University</h2>
           East coast Road, Pillaichavady,, Puducherry<br>India
```

```
</div>
        <div class="contact">
             Fax: 2655101<br>
                Email:info@ptuniv.edu.in<br>
                Web: https://www.ptuniv.edu.in
            </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($staffId)) {
        header("Location: index.html?error=User Name is required");
    } else if (empty($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-->
    <!--Row-1-->
        <!--Column-1-->
            <!--Form-->
                <form onsubmit="event.preventDefault();onFormSubmit();"</pre>
autocomplete="off">
                    <h3>Student Form</h3>
                  <!--div-1-->
                    <div>
                        <label>Full Name</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"</pre>
id="userNamevalidationError">This field is required</label>
                        <!--Input User Name-->
                        <input type="text" name="userName" id="userName"</pre>
placeholder="Enter the user Name">
                    </div>
                    <!--div-2-->
                    <div>
                        <label>Register No</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"</pre>
id="rollNovalidationError" >This field is required</label>
                        <!--Input Roll No-->
                        <input type="text" name="rollNo" id="rollNo"</pre>
placeholder="Enter the Roll number">
                    </div>
                    <!--div-3-->
```

```
<div>
                        <label>Student Class</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"</pre>
id="stdClassvalidationError">This field is required</label>
                       <!--Input Student Class-->
                        <input type="text" name="stdClass" id="stdClass"</pre>
placeholder="Enter the Student Class">
                    </div>
                    <!--div-4-->
                    <div>
                        <label>Total Subject</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"</pre>
id="tsubvalidationError">This field is required</label>
                        <!--Input Total Subject-->
                        <input type="number" name="tsub" id="tsub"</pre>
placeholder="Enter the Total Subjects">
                    </div>
                    <!--div-5-->
                    <div>
                        <label>Age</label>
                        <!--Validation Error-->
                        <label class="validation-error hide"</pre>
id="agevalidationError">This field is required</label>
                        <!--Input Age-->
                        <input type="number" name="age" id="age"</pre>
placeholder="Enter the Age">
                    </div>
                    <!--div-6-->
                    <div class="form-action-buttons">
                        <!--Input Button-->
                        <input type="submit" value="Enter">
                    </div>
                </form>
            <!--Column-2-->
            <!--Nested Table-->
                <table class="list" id="stdlist" style="background-color:
#C2976D;">
                    <!--Table Head-->
                    <thead>
                        <!--Row-2-->
                        Full Name
                             Roll no
                            Class
```

```
Total Subject
                         Age
                         Action
                      </thead>
                  <!--Table Body-->
                  <div class=center>
       <!--Input Button-->
       <form onsubmit="event.preventDefault();onFormSubmit();"</pre>
autocomplete="off" action="submit.php">
       <input type="submit" value="submit" name="submit"</pre>
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 = `<a onClick="onEdit(this)">Edit</a>
    <a onClick="onDelete(this)">Delete</a>`;
}
// Reset Function
function resetForm() {
    document.getElementById("userName").value = "";
    document.getElementById("rollNo").value = "";
    document.getElementById("stdClass").value = "";
    document.getElementById("tsub").value = "";
    document.getElementById("age").value = "";
    selectedRow = null;
}
// Edit Function
function onEdit(td) {
    selectedRow = td.parentElement.parentElement;
    document.getElementById("userName").value =
selectedRow.cells[0].innerHTML;
    document.getElementById("rollNo").value = selectedRow.cells[1].innerHTML;
    document.getElementById("stdClass").value =
selectedRow.cells[2].innerHTML;
    document.getElementById("tsub").value = selectedRow.cells[3].innerHTML;
    document.getElementById("age").value = selectedRow.cells[4].innerHTML;
}
// Update Record
function updateRecord(formData) {
    selectedRow.cells[0].innerHTML = formData.userName;
    selectedRow.cells[1].innerHTML = formData.rollNo;
    selectedRow.cells[2].innerHTML = formData.stdClass;
    selectedRow.cells[3].innerHTML = formData.tsub;
    selectedRow.cells[4].innerHTML = formData.age;
}
// Delete Function
function onDelete(td) {
    if (confirm('Are you sure to delete this record ?')) {
        row = td.parentElement.parentElement;
        document.getElementById("stdlist").deleteRow(row.rowIndex);
        resetForm();
}
// Check User validation
function validate() {
    isValid = true;
    // userName validation
```

```
if (document.getElementById("userName").value == "") {
        isValid = false;
        document.getElementById("userNamevalidationError").classList.remove("h
ide");
    } else {
        isValid = true;
(!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("hid
e");
    } else {
        isValid = true;
(!document.getElementById("rollNovalidationError").classList.contains("hide"))
            document.getElementById("rollNovalidationError").classList.add("hi
de");
        }
    // Std class validation
    if (document.getElementById("stdClass").value == "") {
        isValid = false;
        document.getElementById("stdClassvalidationError").classList.remove("h
ide");
    } else {
        isValid = true;
(!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;
(!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;
(!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();
}
?>
```

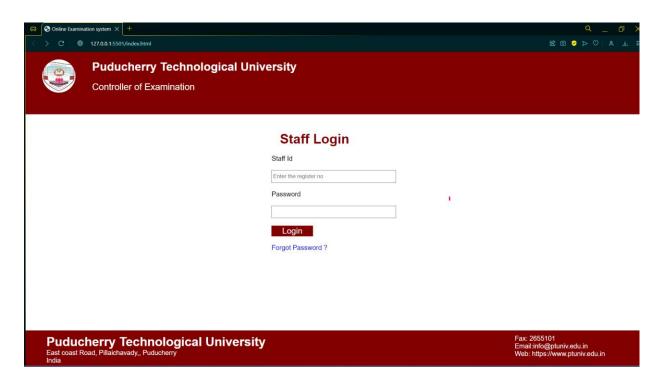


Fig 1:index.html overview

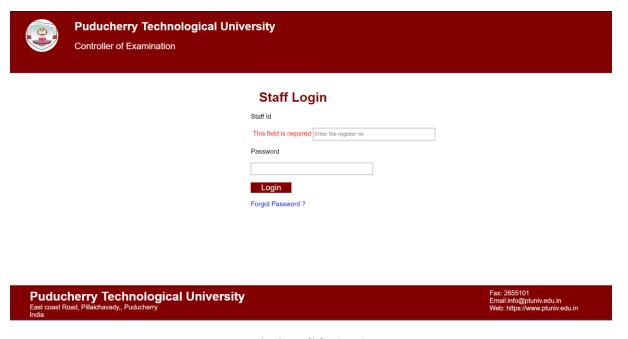


Fig 2: validation.js





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Fig 3:validation.js

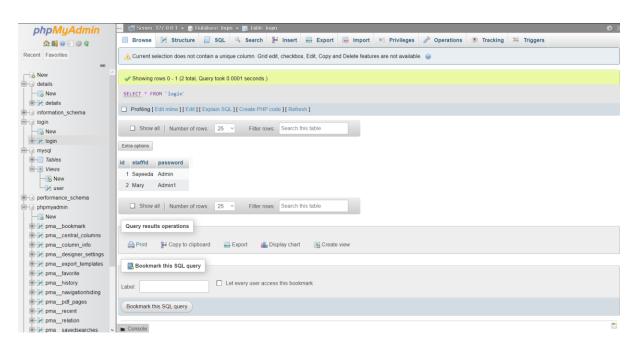


Fig 4: Login table

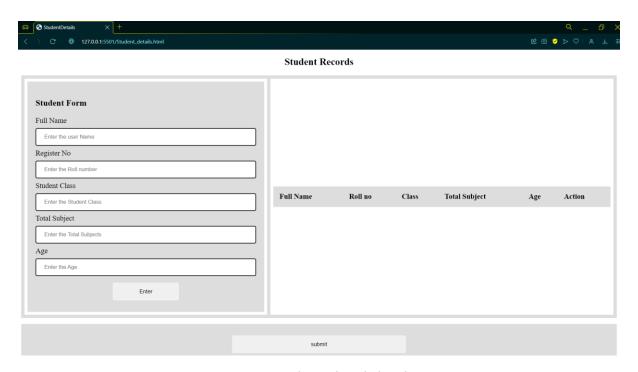


Fig 5: Student_details.html

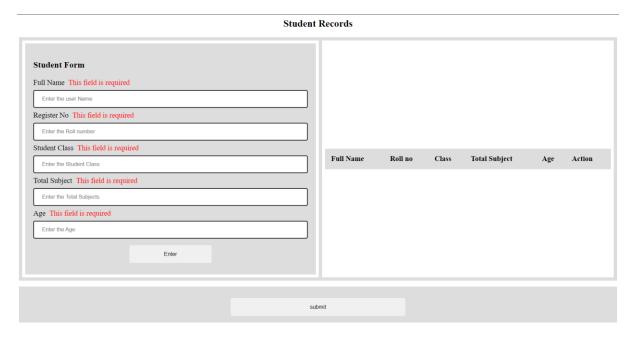


Fig 6: script.js

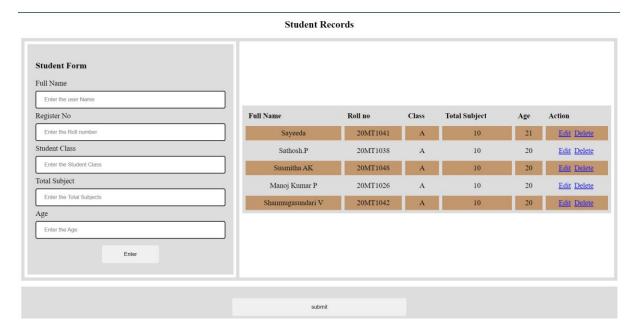


Fig 7: Data entring table view

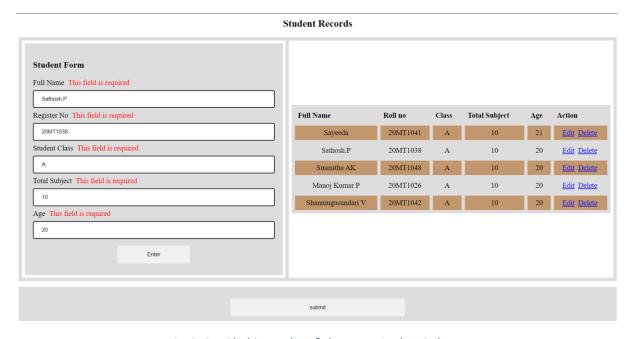


Fig 8:On Clicking edit of that particular Column

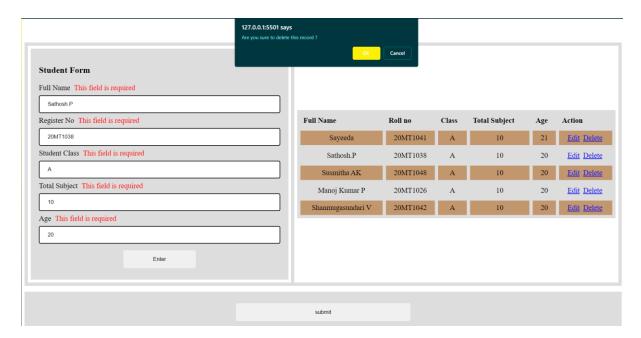


Fig 9: On clicking delete

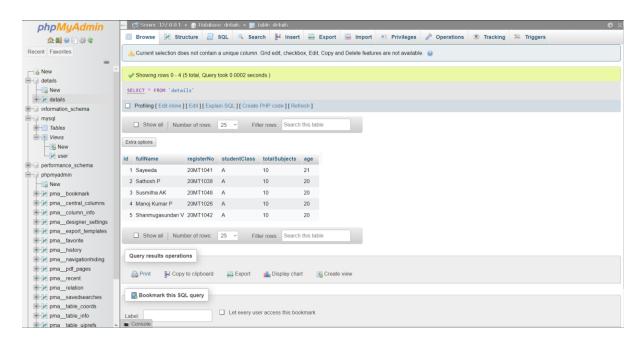


Fig 10: Inserted values on clicking submit