

**EXPERIMENT NO. 10**

**Problem Statement:** Implement the web application with MYSQL Database using PHP.

**Program:**

**index.php**

```
<?php
include 'header.php';
?>
<div id="main-content">
    <h2>All Records</h2>
    <?php
    include 'config.php';
    $sql = "SELECT * FROM student JOIN studentclass WHERE student.sclass =
studentclass.cid";
    $result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

    if (mysqli_num_rows($result) > 0) {

    ?>
        <table cellpadding="7px">
            <thead>
                <th>Id</th>
                <th>Name</th>
                <th>Address</th>
                <th>Class</th>
                <th>Phone</th>
                <th>Action</th>
            </thead>
            <tbody>
                <?php
                while ($row = mysqli_fetch_assoc($result)) {

                ?>
                    <tr>
                        <td><?php echo $row['sid'] ?></td>
                        <td><?php echo $row['sname'] ?></td>
                        <td><?php echo $row['saddress'] ?></td>
                        <td><?php echo $row['cname'] ?></td>
                        <td><?php echo $row['sphone'] ?></td>
                        <td>
                            <a href='edit.php?id=<?php echo $row['sid'] ?>'>Edit</a>
                            <a href='delete-inline.php?id=<?php echo $row['sid'] ?>'>Delete</a>
                        </td>
                    </tr>
                <?php
```

```
        }
        ?>
    </tbody>
</table>
<?php
} else {
    echo "<h2>No records found</h2>";
}
mysqli_close($conn);
?>
</div>
</div>
</body>

</html>
```

### config.php

```
<?php
$conn = mysqli_connect("localhost", "root", "", "crud") or die("Couldn't connect to
database");
?>
```

### add.php

```
<?php include 'header.php'; ?>
<div id="main-content">
    <h2>Add New Record</h2>
    <form class="post-form" action="savedata.php" method="post">
        <div class="form-group">
            <label>Name</label>
            <input type="text" name="sname" />
        </div>
        <div class="form-group">
            <label>Address</label>
            <input type="text" name="saddress" />
        </div>
        <div class="form-group">
            <label>Class</label>
            <select name="class">
                <option value="" selected disabled>Select Class</option>
            <?php
                $conn = mysqli_connect("localhost", "root", "", "crud") or die("Couldn't connect to
                database");
                $sql = "SELECT * FROM studentclass";
                $result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

                while ($row = mysqli_fetch_assoc($result)) {
```

```
        ?>
        <option value="<?php echo $row['cid']; ?>"><?php echo $row['cname'];
?></option>
        <?php
        }
        ?>
    </select>
</div>
<div class="form-group">
    <label>Phone</label>
    <input type="text" name="sphone" />
</div>
    <input class="submit" type="submit" value="Save" />
</form>
</div>
</div>
</body>

</html>
```

**delete-inline.php**

```
<?php
$stu_id = $_GET['id'];

include 'config.php';
$sql = "DELETE FROM student WHERE sid={$stu_id}";
$result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

header("Location: http://localhost/crud/index.php");

mysqli_close($conn);

?>
```

**delete.php**

```
<?php include 'header.php';
if (isset($_POST['deletebtn'])) {
    include "config.php";

    $stu_id = $_POST['sid'];

    $sql = "DELETE FROM student WHERE sid={$stu_id}";
    $result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

    header("Location: http://localhost/crud/index.php");
    mysqli_close($conn);
}
```

```

}
?>

<div id="main-content">
  <h2>Delete Record</h2>
  <form class="post-form" action="<?php echo $_SERVER['PHP_SELF'] ?>"
method="post">
    <div class="form-group">
      <label>Id</label>
      <input type="text" name="sid" />
    </div>
    <input class="submit" type="submit" name="deletebtn" value="Delete" />
  </form>
</div>
</div>
</body>

</html>

```

**edit.php**

```

<?php include 'header.php'; ?>

<div id="main-content">
  <h2>Update Record</h2>
  <?php
    $conn = mysqli_connect("localhost", "root", "", "crud") or die("Couldn't connect to
database");
    $stu_id = $_GET['id'];
    $sql = "SELECT * FROM student WHERE sid={$stu_id}";
    $result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

    if (mysqli_num_rows($result) > 0) {
      while ($row = mysqli_fetch_assoc($result)) {
        ?>

        <form class="post-form" action="updatedata.php" method="post">
          <div class="form-group">
            <label>Name</label>
            <input type="hidden" name="sid" value="<?php echo $row['sid']; ?>" />
            <input type="text" name="sname" value="<?php echo $row['sname']; ?>" />
          </div>
          <div class="form-group">
            <label>Address</label>
            <input type="text" name="saddress" value="<?php echo $row['saddress']; ?>" />
          </div>
          <div class="form-group">

```

```

<label>Class</label>
<?php
$sql1 = "SELECT * FROM studentclass";
$result1 = mysqli_query($conn, $sql1) or die("Query Unsuccessful!");

if (mysqli_num_rows($result1) > 0) {
    echo '<select name="sclass">';
    while ($row1 = mysqli_fetch_assoc($result1)) {
        if ($row1['sclass'] == $row1['cid']) {
            $select = "selected";
        } else {
            $select = "";
        }
        echo "<option {$select}
value='{$row1['cid']}'>{$row1['cname']}</option>";
    }
    echo '</select>';
}
?>
</div>
<div class="form-group">
    <label>Phone</label>
    <input type="text" name="sphone" value="<?php echo $row['sphone']; ?>" />
</div>
<input class="submit" type="submit" value="Update" />
</form>

<?php }
} ?>
</div>
</div>
</body>

</html>

```

**header.php**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>CRUD</title>
    <link rel="stylesheet" href="css/style.css">
</head>
<body>

```

```
<div id="wrapper">
  <div id="header">
    <h1>Crud</h1>
  </div>
  <div id="menu">
    <ul>
      <li>
        <a href="index.php">Home</a>
      </li>
      <li>
        <a href="add.php">Add</a>
      </li>
      <li>
        <a href="update.php">Update</a>
      </li>
      <li>
        <a href="delete.php">Delete</a>
      </li>
    </ul>
  </div>
```

### savedata.php

```
<?php
```

```
$stu_name = $_POST['sname'];
$stu_address = $_POST['saddress'];
$stu_class = $_POST['class'];
$stu_phone = $_POST['sphone'];
```

```
$conn = mysqli_connect("localhost", "root", "", "crud") or die("Couldn't connect to database");
```

```
$sql = "INSERT INTO student(sname,saddress,sclass,sphone) VALUES ('{$stu_name}','{$stu_address}','{$stu_class}','{$stu_phone}')";
$result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");
```

```
header("Location: http://localhost/crud/index.php");
```

```
mysqli_close($conn);
?>
```

### update.php

```
<?php include 'header.php'; ?>
```

```
<div id="main-content">
```

```
  <h2>Edit Record</h2>
```

```
  <form class="post-form" action="<?php $_SERVER['PHP_SELF'] ?>" method="post">
    <div class="form-group">
```

```

        <label>Id</label>
        <input type="text" name="sid" />
    </div>
    <input class="submit" type="submit" name="showbtn" value="Show" />
</form>

<?php
if (isset($_POST['showbtn'])) {
    $conn = mysqli_connect("localhost", "root", "", "crud") or die("Couldn't connect to
database");
    $stu_id = $_POST['sid'];
    $sql = "SELECT * FROM student WHERE sid={$stu_id}";
    $result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

    if (mysqli_num_rows($result) > 0) {
        while ($row = mysqli_fetch_assoc($result)) {
            ?>

            <form class="post-form" action="updatedata.php" method="post">
                <div class="form-group">
                    <label for="">Name</label>
                    <input type="hidden" name="sid" value="<?php echo $row['sid']; ?>" />
                    <input type="text" name="sname" value="<?php echo $row['sname']; ?>" />
                </div>
                <div class="form-group">
                    <label>Address</label>
                    <input type="text" name="saddress" value="<?php echo $row['saddress']; ?>"
            />

            </div>
            <div class="form-group">
                <label>Class</label>
                <?php
                $sql1 = "SELECT * FROM studentclass";
                $result1 = mysqli_query($conn, $sql1) or die("Query Unsuccessful!");

                if (mysqli_num_rows($result1) > 0) {
                    echo '<select name="sclass">';
                    while ($row1 = mysqli_fetch_assoc($result1)) {
                        if ($row1['sclass'] == $row1['cid']) {
                            $select = "selected";
                        } else {
                            $select = "";
                        }
                        echo "<option {$select}
value='{$row1['cid']}'>{$row1['cname']}</option>";
                    }
                }
            }
        }
    }
}

```

```
        echo '</select>';
    }
    ?>
</div>
<div class="form-group">
    <label>Phone</label>
    <input type="text" name="sphone" value="<?php echo $row['sphone']; ?>" />
</div>
<input class="submit" type="submit" value="Update" />
</form>
<?php
    }
}
}
?>
</div>
</div>
</body>

</html>
```

**updatedata.php**

```
<?php
$stu_id = $_POST['sid'];
$stu_name = $_POST['sname'];
$stu_address = $_POST['saddress'];
$stu_class = $_POST['sclass'];
$stu_phone = $_POST['sphone'];

$conn = mysqli_connect("localhost", "root", "", "crud") or die("Couldn't connect to
database");
$sql = "UPDATE student SET sname = '{$stu_name}', saddress = '{$stu_address}', sclass =
 '{$stu_class}', sphone = '{$stu_phone}' WHERE sid = '{$stu_id}'";
$result = mysqli_query($conn, $sql) or die("Query Unsuccessful!");

header("Location: http://localhost/crud/index.php");

mysqli_close($conn);
?>
```

**style.css**

```
body{
    font:16px arial;
    margin: 0;
    padding: 0;
    background: #d1d1d1;
```



```
}

#wrapper{
  width: 1000px;
  margin: 50px auto 0;
  background-color: #fff;
}

#header{
  text-align: center;
  background-color: #1abc9c;
  padding: 10px;
}

#header h1 {
  color: #fff;
  font-size: 40px;
  font-style: italic;
  font-weight: 700;
  text-transform: uppercase;
  margin: 0;
}

#menu{
  background-color: #333;
}
#menu ul{
  font-size: 0;
  padding: 0 10px;
  margin: 0;
  list-style: none;
}
#menu ul li{
  display: inline-block;
}
#menu ul li a{
  color: #fff;
  font-size: 16px;
  font-weight: 600;
  padding: 8px 10px;
  display: block;
  text-decoration: none;
  text-transform: uppercase;
  transition: all 0.3s ease;
}
```

```
#menu ul li a:hover{
    background-color: rgba(255,255,255,0.2);
}
```

```
#main-content{
    padding: 25px;
    min-height: 400px;
}
```

```
#main-content h2{
    margin: 0 0 10px;
    text-transform: capitalize;
}
```

```
#main-content table{
    width: 100%;
    background-color: #555;
    margin: 0 0 20px;
}
```

```
#main-content table th{
    color: #fff;
    background-color: #333;
    text-transform: uppercase;
}
```

```
#main-content table th:last-child{
    width: 130px;
}
```

```
#main-content table td{
    background-color: #fff;
}
```

```
#main-content table td a{
    font-size: 14px;
    font-weight: 600;
    text-transform: uppercase;
    padding: 3px 7px;
    color: #fff;
    background-color: #e67e22;
    text-decoration: none;
    border-radius: 3px;
}
```

```
#main-content table td a:nth-child(2){
    background-color: #e74c3c;
    margin: 0 0 0 5px;
}
```

```
#main-content .post-form{
```

```
width: 50%;
padding: 25px;
margin: 0 auto;
background-color: #f5f5f5;
border-radius: 10px;
}

#main-content .post-form .form-group{
margin: 0 0 15px;
}

#main-content .post-form .form-group label{
width: 30%;
display: inline-block;
font-weight: 600;
}
#main-content .post-form .form-group input,
#main-content .post-form .form-group select{
font-size: 16px;
width: 66%;
display: inline-block;
padding: 5px;
margin: 0;
}
#main-content .post-form .form-group select{
width: 69%;
}

#main-content .post-form .submit{
font-size: 17px;
letter-spacing: 1px;
text-transform: uppercase;
padding: 5px 10px;
color: #fff;
background-color: #333;
border: none;
border-radius: 5px;
margin: 0 0 0 30%;
cursor: pointer;
transition: all 0.3s;
}

#main-content .post-form .submit:hover{
box-shadow: 0 0 5px #555;
}
```

```
#main-content .pagination{
  padding: 0;
  margin: 0;
  list-style: none;
}

#main-content .pagination li{
  display: inline-block;
}

#main-content .pagination li a{
  height: 30px;
  width: 30px;
  line-height: 30px;
  font-size: 18px;
  text-align: center;
  text-decoration: none;
  color: #fff;
  background-color: #1abc9c;
  display: block;
  margin: 0 5px 0 0;
  transition: all 0.3s;
}

#main-content .pagination li a:hover{
  background-color: #333;
}
```

**Output:****Index Page**

CRUD					
HOME ADD UPDATE DELETE					
All Records					
ID	NAME	ADDRESS	CLASS	PHONE	ACTION
1	Atharva Mali	Rankala, Kolhapur	BCA	8484812450	EDIT DELETE
2	Tushar Netale	Ichalkaranji, Kolhapur	MCA	8373594624	EDIT DELETE
3	Praniket Utturkar	Shivaji Park, Pune	BTECH	4343685623	EDIT DELETE
4	Suchita Walvekar	Koregaon Park, Pune	BCOM	4342787352	EDIT DELETE
5	Aditya Patil	Jarag Nagar, Kolhapur	BTECH	5365827538	EDIT DELETE
6	Pooja Gore	Panjim, Goa	BSC	6737498264	EDIT DELETE
7	Ramesh Pawar	SV Road, Nashik	BTECH	3456709765	EDIT DELETE
8	Suresh Pawar	MG Road, Satara	BCA	5678954321	EDIT DELETE
9	Pratik Patil	Shanivar Wada, Pune	BTECH	3825497465	EDIT DELETE

## Add Page

CRUD

HOME ADD UPDATE DELETE

Add New Record

Name

Address

Class

Select Class

Phone

SAVE

## Update/Edit Page

CRUD

HOME ADD UPDATE DELETE

Edit Record

Id

2

SHOW

Name

Tushar Netale

Address

Ichalkaranji, Kolhapur

Class

MCA

Phone

8373594624

UPDATE

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TY BCA – AWD LAB

## Delete Page

The screenshot displays a web application interface for a CRUD system. The header is teal with the word 'CRUD' in white. Below the header is a dark navigation bar with links: HOME, ADD, UPDATE, and DELETE. The main content area is titled 'Delete Record'. It features a form with a label 'Id' and a text input field containing the value '2'. Below the input field is a dark button labeled 'DELETE'.