**Objective:-** Create PHP Form which demonstrate Insert, Update, Delete and Select operation with database. (Take required data from user).

**HTML Code :-**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Blog Management</title>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">

</head>

<body>

<?php

require\_once('DB.php');

$title = '';

$author = '';

$description = '';

$sel\_id = -1;

if (isset($\_REQUEST['btnEdit'])) {

$sql = "SELECT \* FROM my\_blog\_details WHERE id = " . $\_REQUEST['btnEdit'];

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

$sel\_id = $\_REQUEST['btnEdit'];

while ($row = mysqli\_fetch\_array($result)) {

$title = $row['title'];

$author = $row['author'];

$description = $row['description'];

}

}

}

}

if (isset($\_REQUEST['btnDelete'])) {

$delete\_id = $\_REQUEST['btnDelete'];

$sql = "DELETE FROM my\_blog\_details WHERE id = $delete\_id";

if (mysqli\_query($link, $sql)) {

echo "Blog entry deleted successfully!";

} else {

echo "Error deleting blog entry: " . mysqli\_error($link);

}

}

?>

<div class="container">

<div class="row">

<div class="col-md-12">

<form method="post" action="">

<input type="text" name="txtTitle" placeholder="Enter title" required value="<?php echo $title ?>">

<input type="text" name="txtAuthor" placeholder="Enter author name" required value="<?php echo $author ?>">

<input type="text" name="txtDescription" placeholder="Enter Description" required value="<?php echo $description ?>">

<input type="hidden" name="selid" value="<?php echo $sel\_id ?>">

<input type="submit" value="<?php echo $sel\_id == -1 ? 'Add' : 'Update'; ?> " name="btnAdd" class="btn btn-primary">

</form>

<?php

if (isset($\_REQUEST['btnAdd'])) {

$title = $\_REQUEST['txtTitle'];

$author = $\_REQUEST['txtAuthor'];

$desc = $\_REQUEST['txtDescription'];

if ($sel\_id == -1) {

$sql = "INSERT INTO my\_blog\_details (title, author, description) VALUES ('$title', '$author', '$desc')";

} else {

$sql = "UPDATE my\_blog\_details SET title = '$title', author = '$author', description = '$desc' WHERE id = $sel\_id";

}

if (mysqli\_query($link, $sql)) {

echo "Blog ";

echo $sel\_id == -1 ? "added" : "updated";

echo " successfully!";

} else {

echo "ERROR: Could not execute $sql. " . mysqli\_error($link);

}

}

$sql = "SELECT \* FROM my\_blog\_details";

if ($result = mysqli\_query($link, $sql)) {

if (mysqli\_num\_rows($result) > 0) {

echo '<br>';

echo '<table class="table"><thead class="thead-dark">

<tr>

<th>Sr. No.</th>

<th>Title</th>

<th>Author</th>

<th>Description</th>

<th>Action</th>

</tr>

</thead>

<tbody>';

$sr = 1;

while ($row = mysqli\_fetch\_array($result)) {

?>

<tr>

<td><?php echo $sr++; ?></td>

<td><?php echo $row['title']; ?></td>

<td><?php echo $row['author']; ?></td>

<td><?php echo $row['description']; ?></td>

<td>

<form method="post">

<button class="btn btn-warning" type="submit" name="btnEdit" value="<?php echo $row['id']; ?>">

<span><i class="fa fa-pencil" aria-hidden="true"></i></span>

</button>

<button class="btn btn-danger" type="submit" name="btnDelete" value="<?php echo $row['id']; ?>">

<span><i class="fa fa-trash" aria-hidden="true"></i></span>

</button>

</form>

</td>

</tr>

<?php

}

echo '</tbody></table>';

} else {

echo "No blogs found.";

}

}

?>

</div>

</div>

</div>

<script src="https://cdn.jsdelivr.net/npm/jquery@3.7.1/dist/jquery.slim.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"></script>

</body>

</html>

**For Database Connection :-**

<?php

$link = mysqli\_connect("localhost", "root", "", "demo");

if ($link === false) {

die("ERROR: Could not connect. " . mysqli\_connect\_error());

}

$sql = "CREATE TABLE IF NOT EXISTS my\_blog\_details (

id INT(11) NOT NULL AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(50) NOT NULL,

author VARCHAR(50) NOT NULL,

description VARCHAR(50) NOT NULL,

status TINYINT(1) NOT NULL DEFAULT 1

)";

if (mysqli\_query($link, $sql)) {

echo "Table created successfully.";

} else {

echo "ERROR: Could not able to execute $sql. " . mysqli\_error($link);

}

?>

**Output :-**

