**PHP CRUD OPERATION**

**CREATE EMPLOYEMENT MANAGEMENT SYSTEM**

1. **CONNECTION + CREATE.PHP**
2. <!-- step 1 -->
3. // 1 -> create CONNECTION in data-base.
4. <!-- connection.php -->
6. <!-- step 2 -->
7. // 1 -> create FORM in html.
8. // 2 -> include "connection.php";
9. // 3 -> FORM -> declare method -> [$\_post] or [$\_Get] -> post is secure and get is unsecure because get show the all data on url.
10. // 4 -> Naming in input field -> name = $name; || email = $email and specially button name is btn or submit.
11. // 5 -> which create data-base and check how many fields in data base like first name & last name & email & password & contact number.
12. // 6 -> we create isset method and those variables will in data-base->
13. if (isset($\_POST['submit'])) {
14. $f\_name = clean\_input($\_POST['f\_name']);
15. $m\_name = clean\_input($\_POST['m\_name']);
16. $l\_name = clean\_input($\_POST['l\_name']);
17. $email = clean\_input($\_POST['email']);
18. $password = clean\_input($\_POST['password']);
19. }
20. // 7 -> we create function who can be clean garbage values ->
21. function clean\_input($field)
22. {
23. $field = trim($field);
24. $field = stripslashes($field);
25. $field = htmlspecialchars($field);
26. return $field;
27. }
28. // 8 -> we create query " ";
29. ->  data base -> sql -> insert query and just we will be remove id and value 1.
30. // 9 -> we create mysqli\_query
31. Data execute to mysqli\_query
32. $data = mysqli\_query($conn, $query);
33. // 10 -> check condition
34. if ($data) {
35. echo " <script> alert('Data inserted  !!!  Thank you so much')
36. window.location.href = 'display.php';
37. </script>";
38. } else {
39. echo " Data not inserted";
40. }
41. or
42. we can use if we would like to when page reload so where is open my new page
43. -> -> header("location:display.php");
44. <!-- create.php -->

**2. DISPLAY.PHP**

<!-- Display.php -->

// 1. -> Add include file

// 2. -> we create TABLE in html , we can take html table to bootstrap.

// 4. ->   Here create headings your requirments

                   <tr class="text-center bg-dark text-white">

                        <th scope="col">ID</th>

                        <th scope="col">FIRST NAME</th>

                        <th scope="col">MIDDLE NAME</th>

                        <th scope="col">LAST NAME</th>

                        <th scope="col">EMAIL</th>

                        <th scope="col">PASSWORD</th>

                        <th scope="col">UPDATE</th>

                        <th scope="col">DELETE</th>

                    </tr>

 // 5. -> we will create <tbody> in PHP-TAG <?php ?>

 // 6. -> we will create $query = " ";

 $query = "SELECT \* FROM `data` ORDER BY `First Name` ASC";

                    $result = mysqli\_query($conn, $query);

                    we have some rules in query -> -> ->

                    // we can apply limit,e.g/ i want to just 100 person data in 1 page

                    // $query = "SELECT \* FROM `data` LIMIT 5";

                    // ORDER BY `First Name` ASC {use by A to z}-> we can convert First Name to user id {1 to 10..} etc but remember you can write only data base table name .

                    // Asc ->  Asscending order

                    // DESC -> Decending order

// 7. -> then,

if ($result) {

                        -> mysqli fetch array  k function result ko array or list me convert krk {$row} k variable me store krta hy

                        $row = mysqli\_fetch\_array($result);

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

                            // data table ki headings ka name aiga

                            $id = $row['Id'];

                            $f\_name = $row['First Name'];

                            $m\_name = $row['Middle Name'];

                            $l\_name = $row['Last Name'];

                            $email = $row['Email Address'];

                            $password = $row['password'];

                            // print or echo

                            echo '<tr class="text-center">

                            <th scope="row">' . $id . '</th>

                            <td>' . $f\_name . '</td>

                            <td>' . $m\_name . '</td>

                            <td>' . $l\_name . '</td>

                            <td>' . $email . '</td>

                            <td>' . $password . '</td>

                            <td>

                            <a href="update.php? updateid=' . $id . '" class="text-light btn btn-primary">Update</a>

                           </td>

                           <td>

                           <a href="delete.php? deleteid=' . $id . '" class="text-light btn btn-danger">Delete</a>

                           </td>

                            </tr>';

                        }

                    }

                    ?>

**3. UPDATE.PHP**

 <!-- step 4 -->

<!-- UPDATE.PHP -->

// 1. -> Add inclue file.

// 2. -> create or copy html form in display.php & we will button name SUMBIT convert to UPDATE.

// 3. -> create value in html form

value="<?php echo $f\_name; ?>"

// 4. -> copy and past display.php work or code

function clean\_input($field)

{

    $field = trim($field);

    $field = stripslashes($field);

    $field = htmlspecialchars($field);

    return $field;

}

 <!-- we created button in display.php and this button name is update so,id se hum get karahy hy or yeah id ko url me lara hy jbh url se fetch krny k liye get k method use kra hy. -->

$id = $\_GET['updateid'];

<!-- here is select new query or display.php query but just will be add is where id=$id -->

$query = "SELECT `Id`, `First Name`, `Middle Name`, `Last Name`, `Email Address`, `password` FROM `data` where id=$id";

<!--  show karana hy jab edit krty hy to old data show huta hy to usko update krty hy. -->

$result = mysqli\_query($conn, $query);

$row = mysqli\_fetch\_assoc($result);

$f\_name = $row['First Name'];

$m\_name = $row['Middle Name'];

$l\_name = $row['Last Name'];

$email = $row['Email Address'];

$password = $row['password'];

// 5. -> copy past display.php

<!--  click to submit button -->

if (isset($\_POST['Update'])) {

    $f\_name = clean\_input($\_POST['f\_name']);

    $m\_name = clean\_input($\_POST['m\_name']);

    $l\_name = clean\_input($\_POST['l\_name']);

    $email = clean\_input($\_POST['email']);

    $password = clean\_input($\_POST['password']);

    // data base -> sql -> update query

    // last me where id = $id huga

    $query = "UPDATE `data` SET `Id`='$id',`First Name`='$f\_name',`Middle Name`='$m\_name',`Last Name`='$l\_name',`Email Address`='$email',`password`='$password' WHERE id = $id";

    // data execute karta hy mysqli\_query

    $result = mysqli\_query($conn, $query);

    if ($result) {

        echo "Update operation is successful";

        header("location:display.php");

    }

    echo " update operation is not successful";

}

?>

**3. DELETE.PHP**

<!-- step 5 -->

<!-- Delete.php -->

// 1. -> add include file

// 2. -> we create isset method and delete button

if (isset($\_GET['deleteid'])) --------> yeah delete k button hy jab bh click huga to usk andr k method chlyga.

// 3. -> get value url and delete

$id = $\_GET['deleteid'];

------> deleteid yeah wo hy ju display.php me delete k button ko id de the or wo url me arahi phr isko get k method se fetch kara hy.

// 4. -> create query

$query = "DELETE FROM `data` WHERE id = $id";

// 5. -> check condition

$result  = mysqli\_query($conn, $query);

    if ($result) {

        echo "delete operation is successful";

        header("location:display.php");

    } else {

        echo " delete operation is not successful";

    }