**PART A**

(Part A: TO BE REFFERED BY STUDENTS)

**Experiment No 10**

**A.1 AIM:**

CRUD Operation Using MYSQL and PHP.

**A.2 Pre requisite:**

Basic Knowledge of HTML, SQL and PHP

**A.3 Outcome:**

After successful completion of this experiment students will be able to:

1. Design pages accepting user inputs in HTML
2. Design and study CRUD Operation using PHP

**A.4 Theory:**

## What is CRUD

CRUD is an acronym for Create, Read, Update, and Delete. CRUD operations are basic data manipulation for database

Files used

1. **index.php:** It the first page.
2. **config.php:** Contains database configurations
3. **create.php**: It will generate a web form that can be used to insert records in the employees table.
4. **read.php** : It will simply retrieve the records from the employees table based the id attribute of the employee
5. **update.php** : It will update the existing records in the employees table based the id attribute of the employee.
6. **delete.php:** . It will delete the existing records from the employees table based the id attribute of the employee
7. **error.php**: This page will be displayed if request is invalid i.e. if id parameter is missing from the URL query string or it is not valid.

**A.5 Procedure/Task:**

1. Create a file named "create.php" and write code inside it

2. Create a file named "read.php" and write code inside it.

3. Create a file named "update.php" and write code inside it.

4. Create a file named "delete.php" and write code inside it. .

5. Create one more file "error.php".

6. Prepare the document. Save and close the file and name it as **EXP10\_Roll no\_Batch no.**

**Sample code:-**

CREATE TABLE **employees** ( **id** INT NOT NULL PRIMARY KEY AUTO\_INCREMENT, **name** VARCHAR(100) NOT NULL, **address** VARCHAR(255) NOT NULL, **salary** INT(10) NOT NULL );

**PART B**

|  |  |
| --- | --- |
| Roll No.: N049 | Name: Tarun Tanmay |
| Class: MBATech CE | Batch: B3 |
| Date of Experiment: | Date/Time of Submission: |
| Grade: |  |

**B.1 Code:**

Login Page

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<link rel="stylesheet" href="login.css">

<title>Login Page</title>

</head>

<body>

<nav>

<ul>

<a href=#>

<div class=lg></div> <img class=logo src='bid1.png'> </div>

</a>

<li><a href="login.php"><i class="glyphicon glyphicon-user"></i></a></li>

<li><a href=#>Gallery</a></li>

<li><a href=#>Auction</a></li>

<li><a href=#>Artwork</a></li>

<li><a href=#>Artist</a></li>

<li><a href=#>Home</a></li>

</ul>

</nav>

<div id='formhead'>

<div id='login'><a href="login.php">Login</a></div>

<div id='sign'><a href="signup.php">Sign-Up</a></div>

</div>

<?php

require('connection.php');

session\_start();

// When form submitted, check and create user session.

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

$emailid = stripslashes($\_REQUEST['emailid']);

$emailid = mysqli\_real\_escape\_string($mysqli, $emailid);

$password = stripslashes($\_REQUEST['password']);

$password = mysqli\_real\_escape\_string($mysqli, $password);

// Check user is exist in the database

$query = "SELECT \* FROM `login` WHERE `emailid`='$emailid'";

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

$rows = mysqli\_num\_rows($result);

if ($rows == 1) {

$\_SESSION['emailid'] = $emailid;

// Redirect to user dashboard page

echo "<div id='container'>

<h3 class='link'>Successful Login.</h3><br/>

<p class='link'>Click here to go to <a href='display.php'>user profile</a></p>

</div>";

} else {

echo "<div id='container'>

<h3 class='link'>Incorrect Username/password.</h3><br/>

<p class='link'>Click here to <a href='login.php'>Login</a> again.</p>

</div>";

}

} else {

?>

<div id="container">

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

<table align="center">

<tr>

<td>Email id:</td>

<td><input type="text" name="emailid"></td>

</tr>

<tr>

<td>Password:</td>

<td><input type="password" name="password"></td>

</tr>

<tr>

<td><input id='submit' type="submit" value="Submit"></td>

<td>

<button id='forgot' type="button">Forgot Password</button>

</td>

</tr>

</table>

</form>

</div>

<?php

}

?>

</body>

</html>

Login CSS

body {

margin: 0;

padding: 0;

background-color: seashell;

}

nav {

padding: 0px 0px 0px 0px;

margin: 0px 0px 50px 0px;

background-color: #10375C;

}

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #10375C;

}

li {

float: right;

font-weight: 300px;

}

li a {

display: inline-block;

color: snow;

text-align: center;

padding: 14px 16px;

text-decoration: none;

font-size: 20px;

}

li a:hover {

background-color: rgb(116, 187, 9);

}

.logo {

width: auto;

height: 50px;

}

.lg {

float: left;

}

#container {

background-color: #BAE8E8;

border-radius: 0px 0px 10px 10px;

margin-left: auto;

margin-top: auto;

margin-bottom: auto;

margin-right: auto;

width: 50%;

padding: 10px;

position: relative;

}

#login {

background-color: #BAE8E8;

border-radius: 10px 10px 0px 0px;

width: 50%;

margin: auto;

position: relative;

padding: 10px;

}

#sign {

background-color: #85b4b4;

border-radius: 10px 10px 0px 0px;

width: 50%;

margin: auto;

position: relative;

padding: 10px;

}

#sign:hover {

background-color: #BAE8E8;

}

#formhead {

display: flex;

text-align: center;

width: 50%;

margin: auto;

}

form {

margin: auto;

}

#forgot {

background-color: #10375C;

border-radius: 10px;

max-width: 200px;

font-size: 12px;

padding: 2px 8px 3px 8px;

margin: 2px 10px;

color: snow;

}

#submit {

background-color: #10375C;

border-radius: 10px;

max-width: 85px;

font-size: 12px;

padding: 2px 8px 3px 8px;

margin: 2px;

color: snow;

}

td {

padding-left: 20px;

padding-bottom: 20px;

}

a {

text-decoration: none;

color: black;

}

.link {

margin: auto;

}

Sign-Up Page

<?php

include "connection.php";

?>

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<link rel="stylesheet" href="signup.css">

<title>Sign Up</title>

<script>

function validateform() {

var fname = document.signup.firstname.value;

var lname = document.signup.lastname.value;

var password = document.signup.password.value;

var rpassword = document.signup.rpassword.value;

var emailid = document.signup.emailid.value;

var sex = document.signup.sex.value;

var phoneno = document.signup.phoneno.value;

var artists = document.getElementById("artists").value;

var address = document.signup.address.value;

var dob = document.signup.dob.value;

var type = document.signup.type.value;

if (fname == null || fname == "" || lame == null || lname == "" || password == null || password == "" || rpassword == null || rpassword == "" || emailid == null || emailid == "" || dob == null || dob == "" || sex == null || sex == "" || phoneno == null || phoneno == "" || address == null || address == "" || artists == null || artists == "" || type == null || type == "") {

alert("Fill in the blank space");

}

if (password.lenght < 6) {

alert("Password must be at least 6 characters long.")

} else if (password != rpassword) {

alert("Password is not same.");

}

if (phoneno.lenght == 10) {

alert("Phone number should be of 10 numbers");

}

}

</script>

</head>

<body>

<nav>

<ul>

<a href=#>

<div class=lg></div> <img class=logo src='bid1.png'> </div>

</a>

<li><a href="login.php"><i class="glyphicon glyphicon-user"></i></a></li>

<li><a href=#>Gallery</a></li>

<li><a href=#>Auction</a></li>

<li><a href=#>Artwork</a></li>

<li><a href=#>Artist</a></li>

<li><a href=#>Home</a></li>

</ul>

</nav>

<div id='formhead'>

<div id='login'><a href="login.php">Login</a></div>

<div id='sign'><a href="signup.php">Sign-Up</a></div>

</div>

<?php

require('connection.php');

// When form submitted, insert values into the database.

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

// removes backslashes

$emailid = stripslashes($\_REQUEST['emailid']);

//escapes special characters in a string

$emailid = mysqli\_real\_escape\_string($mysqli, $emailid);

$firstname = stripslashes($\_REQUEST['firstname']);

$firstname = mysqli\_real\_escape\_string($mysqli, $firstname);

$password = stripslashes($\_REQUEST['password']);

$password = mysqli\_real\_escape\_string($mysqli, $password);

$lastname = stripslashes($\_REQUEST['lastname']);

$lastname = mysqli\_real\_escape\_string($mysqli, $lastname);

$dob = stripslashes($\_REQUEST['dob']);

$dob = mysqli\_real\_escape\_string($mysqli, $dob);

$sex = stripslashes($\_REQUEST['sex']);

$sex = mysqli\_real\_escape\_string($mysqli, $sex);

$phoneno = stripslashes($\_REQUEST['phoneno']);

$phoneno = mysqli\_real\_escape\_string($mysqli, $phoneno);

$address = stripslashes($\_REQUEST['address']);

$address= mysqli\_real\_escape\_string($mysqli, $address);

$artists = stripslashes($\_REQUEST['artists']);

$artists = mysqli\_real\_escape\_string($mysqli, $artists);

$type = stripslashes($\_REQUEST['type']);

$type = mysqli\_real\_escape\_string($mysqli, $type);

$query = "INSERT into `user` (`firstname`, `lastname`, `emailid`, `dateofbirth`, `sex`, `password`, `phoneno`, `address`, `artist`, `type`)

VALUES ('$firstname', '$lastname', '$emailid', '$dob', '$sex', '$password', '$phoneno', '$address', '$artists', '$type')";

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

$query = "INSERT into `login` (`emailid`, `upassword`)

VALUES ('$emailid','$password')";

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

if ($result) {

echo "<div id='container'>

<h3 class='link'>You are registered successfully.</h3><br/>

<p class='link'>Click here to <a href='login.php'>Login</a></p>

</div>";

} else {

echo "<div id='container'>

<h3 class='link'>Required fields are missing.</h3><br/>

<p class='link'>Click here to <a href='signup.php'>registration</a> again.</p>

</div>";

}

} else {

?>

<div id="container">

<form class="form" action="" method="post" onsubmit="return validateform()">

<table align="center">

<tr>

<td>First Name:</td>

<td><input type="text" name="firstname"></td>

</tr>

<tr>

<td>Last Name:</td>

<td><input type="text" name="lastname"></td>

</tr>

<tr>

<td>Email id:</td>

<td><input type="email" name="emailid"></td>

</tr>

<tr>

<td>Date of Birth:</td>

<td><input type="date" name="dob"></td>

</tr>

<tr>

<td>Gender:</td>

<td><input type="radio" name="sex" value="Male">Male

<input type="radio" name="sex" value="Female">Female

<input type="radio" name="sex" value="Others">Others</td>

</tr>

<tr>

<td>Password:</td>

<td><input type="password" name="password"></td>

</tr>

<tr>

<td>Re Enter Password:</td>

<td><input type="password" name="rpassword"></td>

</tr>

<tr>

<td>Phone Number:</td>

<td><input type="tel" name="phoneno"></td>

</tr>

<tr rowspan=2>

<td>Address:</td>

<td><input type="textarea" name="address"></td>

</tr>

<tr>

<td>Preferred Artist:</td>

<td>

<select id="artists" name="artists">

<option value="Ram">Ram</option>

<option value="Sita">Sita</option>

<option value="Lakshman">Lakshman</option>

<option value="Hanuman">Hanuman</option>

</select>

</td>

</tr>

<tr>

<td>Painting:</td>

<td>

<input type="checkbox" name="type" value="Oil-Painting">Oil-Paining

<input type="checkbox" name="type" value="Water Colour">Water Colour

<input type="checkbox" name="type" value="Acrylic">Acrylic

</td>

</tr>

<tr>

<td colspan=2 align=center><input id="submit" type="submit" value="Submit"></td>

</tr>

</table>

</form>

</div>

<?php

}

?>

</body>

</html>

Sign-Up CSS

body {

margin: 0;

padding: 0;

background-color: seashell;

}

nav {

padding: 0px 0px 0px 0px;

margin: 0px 0px 50px 0px;

background-color: #10375C;

}

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #10375C;

}

li {

float: right;

font-weight: 300px;

}

li a {

display: inline-block;

color: snow;

text-align: center;

padding: 14px 16px;

text-decoration: none;

font-size: 20px;

}

li a:hover {

background-color: rgb(116, 187, 9);

}

.logo {

width: auto;

height: 50px;

}

.lg {

float: left;

}

#container {

background-color: #BAE8E8;

border-radius: 0px 0px 10px 10px;

margin-left: auto;

margin-top: auto;

margin-bottom: auto;

margin-right: auto;

width: 50%;

padding: 10px;

position: relative;

}

#sign {

background-color: #BAE8E8;

border-radius: 10px 10px 0px 0px;

width: 50%;

margin: auto;

position: relative;

padding: 10px;

}

#login {

background-color: #85b4b4;

border-radius: 10px 10px 0px 0px;

width: 50%;

margin: auto;

position: relative;

padding: 10px;

}

#login:hover {

background-color: #BAE8E8;

}

#formhead {

display: flex;

text-align: center;

width: 50%;

margin: auto;

}

form {

margin: auto;

}

#submit {

background-color: #10375C;

border-radius: 10px;

max-width: 85px;

font-size: 12px;

padding: 2px 8px 3px 8px;

margin: 2px;

color: snow;

}

td {

padding-left: 20px;

padding-bottom: 20px;

}

a {

text-decoration: none;

color: black;

}

.link {

margin: auto;

}

Connection

<?php

DEFINE('DB\_USERNAME', 'root');

DEFINE('DB\_PASSWORD', 'root');

DEFINE('DB\_HOST', 'localhost');

DEFINE('DB\_DATABASE', 'painting');

$mysqli = new mysqli(DB\_HOST, DB\_USERNAME, DB\_PASSWORD, DB\_DATABASE);

// Check connection

if (!$mysqli) {

die("Connection failed: " . mysqli\_connect\_error());

}

?>

Session

<?php

include 'connection.php';

session\_start();

if(!isset($\_SESSION["emailid"])) {

header("Location: login.php");

exit();

}

?>

User Details Page

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<link rel="stylesheet" href="display.css">

<title>Sign Up</title>

</head>

<body>

<nav>

<ul>

<a href=#>

<div class=lg></div> <img class=logo src='bid1.png'> </div>

</a>

<li><a href="display.php"><i class="glyphicon glyphicon-user"></i></a></li>

<li><a href=#>Gallery</a></li>

<li><a href=#>Auction</a></li>

<li><a href=#>Artwork</a></li>

<li><a href=#>Artist</a></li>

<li><a href=#>Home</a></li>

</ul>

</nav>

<div id="container">

<?php

include('session.php');

$email = $\_SESSION['emailid'];

$sql = "SELECT \* from `user` where `emailid` = '$email'";

$result = $mysqli->query($sql);

$row = $result->fetch\_assoc();

?>

<table align="center">

<tr>

<td colspan=2 align=center><b>User Details</b></td>

</tr>

<tr>

<td>First Name:</td>

<td>

<?php echo $row['firstname']; ?>

</td>

</tr>

<tr>

<td>Last Name:</td>

<td>

<?php echo $row['lastname']; ?>

</td>

</tr>

<tr>

<td> Email ID:</td>

<td>

<?php echo $row['emailid']; ?>

</td>

</tr>

<tr>

<td>Date of Birth:</td>

<td>

<?php echo $row['dateofbirth']; ?>

</td>

</tr>

<tr>

<td>Gender:</td>

<td>

<?php echo $row['sex']; ?>

</td>

</tr>

<tr>

<td> Phone Number:</td>

<td>

<?php echo $row['phoneno']; ?>

</td>

</tr>

<tr>

<td>Address:</td>

<td>

<?php echo $row['address']; ?>

</td>

</tr>

<tr>

<td> Artist Prefered:</td>

<td>

<?php echo $row['artist']; ?>

</td>

</tr>

<tr>

<td> Painting Type:</td>

<td>

<?php echo $row['type']; ?>

</td>

</tr>

<tr>

<td><a href='update.php'><button id='submit'>Update Details</button></a></td>

<td><a href='delete.php'><button id='submit'>Delete Account</button></a></td>

</tr>

<tr>

<td colspan=2 align=center>

<a href='logout.php'><button id='submit'>Logout</button></a>

</td>

</tr>

</div>

</body>

</html>

User Detail CSS

body {

margin: 0;

padding: 0;

background-color: seashell;

}

nav {

padding: 0px 0px 0px 0px;

margin: 0px 0px 50px 0px;

background-color: #10375C;

}

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #10375C;

}

li {

float: right;

font-weight: 300px;

}

li a {

display: inline-block;

color: snow;

text-align: center;

padding: 14px 16px;

text-decoration: none;

font-size: 20px;

}

li a:hover {

background-color: rgb(116, 187, 9);

}

.logo {

width: auto;

height: 50px;

}

.lg {

float: left;

}

#container {

background-color: #BAE8E8;

border-radius: 10px;

margin-left: auto;

margin-top: auto;

margin-bottom: auto;

margin-right: auto;

width: 50%;

padding: 10px;

position: relative;

}

td {

padding-left: 20px;

padding-bottom: 20px;

}

#submit {

background-color: #10375C;

border-radius: 10px;

max-width: 85px;

font-size: 12px;

padding: 2px 8px 3px 8px;

margin: 2px;

color: snow;

}

Logout Page

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<link rel="stylesheet" href="logout.css">

<title>Sign Up</title>

</head>

<body>

<nav>

<ul>

<a href=#>

<div class=lg></div> <img class=logo src='bid1.png'> </div>

</a>

<li><a href="login.html"><i class="glyphicon glyphicon-user"></i></a></li>

<li><a href=#>Gallery</a></li>

<li><a href=#>Auction</a></li>

<li><a href=#>Artwork</a></li>

<li><a href=#>Artist</a></li>

<li><a href=#>Home</a></li>

</ul>

</nav>

<?php

session\_start();

// Destroy session

if (session\_destroy()) {

echo "<div id='container'>

<h3 class='link'>Logout successful.</h3><br/>

<p class='link'>Click here to <a href='login.php'>Login</a> again.</p>

</div>";

}

?>

Update Page

<?php

include "connection.php";

?>

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<link rel="stylesheet" href="update.css">

<title>Update</title>

<script>

function validateform() {

var fname = document.signup.firstname.value;

var lname = document.signup.lastname.value;

var password = document.signup.password.value;

var rpassword = document.signup.rpassword.value;

var emailid = document.signup.emailid.value;

var sex = document.signup.sex.value;

var phoneno = document.signup.phoneno.value;

var artists = document.getElementById("artists").value;

var address = document.signup.address.value;

var dob = document.signup.dob.value;

var type = document.signup.type.value;

if (fname == null || fname == "" || lame == null || lname == "" || password == null || password == "" || rpassword == null || rpassword == "" || emailid == null || emailid == "" || dob == null || dob == "" || sex == null || sex == "" || phoneno == null || phoneno == "" || address == null || address == "" || artists == null || artists == "" || type == null || type == "") {

alert("Fill in the blank space");

}

if (password.lenght < 6) {

alert("Password must be at least 6 characters long.")

} else if (password != rpassword) {

alert("Password is not same.");

}

if (phoneno.lenght == 10) {

alert("Phone number should be of 10 numbers");

}

}

</script>

</head>

<body>

<nav>

<ul>

<a href=#>

<div class=lg></div><img class=logo src='bid1.png'></div>

</a>

<li><a href="display.php"><i class="glyphicon glyphicon-user"></i></a></li>

<li><a href=#>Gallery</a></li>

<li><a href=#>Auction</a></li>

<li><a href=#>Artwork</a></li>

<li><a href=#>Artist</a></li>

<li><a href=#>Home</a></li>

</ul>

</nav>

<?php

require('connection.php');

include('session.php');

$email = $\_SESSION['emailid'];

$sql = "SELECT \* from `user` where `emailid` = '$email'";

$result1 = $mysqli->query($sql);

$row = $result1->fetch\_assoc();

// When form submitted, insert values into the database.

$firstname = stripslashes($\_REQUEST['firstname']);

$firstname = mysqli\_real\_escape\_string($mysqli, $firstname);

$lastname = stripslashes($\_REQUEST['lastname']);

$lastname = mysqli\_real\_escape\_string($mysqli, $lastname);

$dob = stripslashes($\_REQUEST['dob']);

$dob = mysqli\_real\_escape\_string($mysqli, $dob);

$sex = stripslashes($\_REQUEST['sex']);

$sex = mysqli\_real\_escape\_string($mysqli, $sex);

$phoneno = stripslashes($\_REQUEST['phoneno']);

$phoneno = mysqli\_real\_escape\_string($mysqli, $phoneno);

$address = stripslashes($\_REQUEST['address']);

$address = mysqli\_real\_escape\_string($mysqli, $address);

$artists = stripslashes($\_REQUEST['artists']);

$artists = mysqli\_real\_escape\_string($mysqli, $artists);

$type = stripslashes($\_REQUEST['type']);

$type = mysqli\_real\_escape\_string($mysqli, $type);

$query = "UPDATE `user` SET `firstname`='$firstname', `lastname`='$lastname', `dateofbirth`='$dob', `sex`='$sex', `phoneno`='$phoneno', `address`='$address', `artist`='$artists', `type`='$type'

WHERE `emailid`='$email'";

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

if ($result==TRUE) {

echo "<div id='container'>

<h3 class='link'>Update successful.</h3><br/>

<p class='link'>Click here to see <a href='display.php'>details</a></p>

</div>";

}

?>

<div id="container">

<form class="form" action="" method="post" onsubmit="return validateform()">

<table align="center">

<tr>

<td colspan=2 align=center><b>Update Details</b></td>

</tr>

<tr>

<td>First Name:</td>

<td><input type="text" name="firstname" value='<?php echo $row['firstname'] ?>'></td>

</tr>

<tr>

<td>Last Name:</td>

<td><input type="text" name="lastname" value='<?php echo $row['lastname'] ?>'></td>

</tr>

<tr>

<td>Email id:</td>

<td><?php echo $email; ?></td>

</tr>

<tr>

<td>Date of Birth:</td>

<td><input type="date" name="dob" value='<?php echo $row['dateofbirth'] ?>'></td>

</tr>

<tr>

<td>Gender:</td>

<td><input type="text" name="sex" value='<?php echo $row['sex'] ?>'></td>

</tr>

<tr>

<td>Phone Number:</td>

<td><input type="tel" name="phoneno" value='<?php echo $row['phoneno'] ?>'></td>

</tr>

<tr rowspan=2>

<td>Address:</td>

<td><input type="textarea" name="address" value='<?php echo $row['address'] ?>'></td>

</tr>

<tr>

<td>Preferred Artist:</td>

<td>

<input type="text" name="artists" value='<?php echo $row['artist'] ?>'>

</td>

</tr>

<tr>

<td>Painting:</td>

<td>

<input type="text" name="type" value='<?php echo $row['type'] ?>'>

</td>

</tr>

<tr>

<td colspan=2 align=center><input id="submit" type="submit" value="Update"></td>

</tr>

</table>

</form>

</div>

</body>

</html>

Update CSS

body {

margin: 0;

padding: 0;

background-color: seashell;

}

nav {

padding: 0px 0px 0px 0px;

margin: 0px 0px 50px 0px;

background-color: #10375C;

}

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #10375C;

}

li {

float: right;

font-weight: 300px;

}

li a {

display: inline-block;

color: snow;

text-align: center;

padding: 14px 16px;

text-decoration: none;

font-size: 20px;

}

li a:hover {

background-color: rgb(116, 187, 9);

}

.logo {

width: auto;

height: 50px;

}

.lg {

float: left;

}

#container {

background-color: #BAE8E8;

border-radius: 10px 10px;

margin-left: auto;

margin-top: auto;

margin-bottom: auto;

margin-right: auto;

width: 50%;

padding: 10px;

position: relative;

}

form {

margin: auto;

}

#submit {

background-color: #10375C;

border-radius: 10px;

max-width: 85px;

font-size: 12px;

padding: 2px 8px 3px 8px;

margin: 2px;

color: snow;

}

td {

padding-left: 20px;

padding-bottom: 20px;

}

a {

text-decoration: none;

color: black;

}

.link {

margin: auto;

}

Delete Confirmation

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<link rel="stylesheet" href="delete.css">

<title>Deletion Confirmation</title>

</head>

<body>

<nav>

<ul>

<a href=#>

<div class=lg></div> <img class=logo src='bid1.png'> </div>

</a>

<li><a href="display.php"><i class="glyphicon glyphicon-user"></i></a></li>

<li><a href=#>Gallery</a></li>

<li><a href=#>Auction</a></li>

<li><a href=#>Artwork</a></li>

<li><a href=#>Artist</a></li>

<li><a href=#>Home</a></li>

</ul>

</nav>

<?php

include('session.php');

$email = $\_SESSION['emailid'];

$sql = "DELETE from `user` where `emailid` = '$email'";

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

$sql = "DELETE from `login` where `emailid` = '$email'";

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

// Destroy session

if (session\_destroy()) {

echo "<div id='container'>

<h3 class='link'>Delete successful.</h3><br/>

<p class='link'>Click here to <a href='signup.php'>Sign-Up</a> again.</p>

</div>";

}

?>

Delete CSS

body {

margin: 0;

padding: 0;

background-color: seashell;

}

nav {

padding: 0px 0px 0px 0px;

margin: 0px 0px 50px 0px;

background-color: #10375C;

}

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #10375C;

}

li {

float: right;

font-weight: 300px;

}

li a {

display: inline-block;

color: snow;

text-align: center;

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background-color: #BAE8E8;

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margin-top: auto;

margin-bottom: auto;

margin-right: auto;

width: 50%;

padding: 10px;

position: relative;

}

td {

padding-left: 20px;

padding-bottom: 20px;

}

#submit {

background-color: #10375C;

border-radius: 10px;

max-width: 85px;

font-size: 12px;

padding: 2px 8px 3px 8px;

margin: 2px;

color: snow;

}

**B.2 Output**

Login Page

Graphical user interface, application

Description automatically generated

Login Confirmation

Graphical user interface, website

Description automatically generated

Sign-Up

Graphical user interface

Description automatically generated

Sign-Up Confirmation

Graphical user interface, text, website

Description automatically generated

User Details

Graphical user interface

Description automatically generated

Update Page

Graphical user interface

Description automatically generated

Update ConfirmA screenshot of a computer screen

Description automatically generated

Updated Details

Graphical user interface

Description automatically generated

Account Delete Confirmation

Graphical user interface, website

Description automatically generated

**B.3 Conclusion:**

In the above experiment, we successfully implemented the CRUD operations using PHP. We included some basic operations like: Create (add records), edit and update and remove or delete.

**B.3 Observations and Learning:**

We understood the need for CRUD operations and practically used the knowledge acquired in PHP to implement CRUD operations for a database.

**B.4 Question of Curiosity**

Q1. All the CRUD operation Queries used in this Experiment. Answer with appropriate reason.

Answer

Create — This would consist of a function which we would call when a new library book is being added to the catalog. The program calling the function would supply the values for “title”, “author”, and “isbn”. After this function is called, there should be a new entry in the books resource corresponding to this new book. Additionally, the new entry is assigned a unique id, which can be used to access this resource later.

Read — This would consist of a function which would be called to see all of the books currently in the catalog. This function call would not alter the books in the catalog - it would simply retrieve the resource and display the results. We would also have a function to retrieve a single book, for which we could supply the title, author, or ISBN. Again, this book would not be modified, only retrieved.

Update — There should be a function to call when information about a book must be changed. The program calling the function would supply the new values for “title”, “author”, and “isbn”. After the function call, the corresponding entry in the books resource would contain the new fields supplied.

Delete — There should be a function to call to remove a library book from the catalog. The program calling the function would supply one or more values (“title”, “author”, and/or “isbn”) to identify the book, and then this book would be removed from the books resource. After this function is called, the books resource should contain all of the books it had before, except for the one just deleted.

Q2. What are the use of error handling in PHP?

Answer

Error handling in PHP is simple. An error message with filename, line number and a message describing the error is sent to the browser.

When creating scripts and web applications, error handling is an important part. If your code lacks error checking code, your program may look very unprofessional and you may be open to security risks.