### **1. config.php**

This file is used to establish a connection to the database.

<?php

$databaseHost = 'localhost'; // Database host

$databaseName = 'crud\_db'; // Database name

$databaseUsername = 'root'; // Database username

$databasePassword = ''; // Database password (leave empty if no password)

// Create database connection using MySQLi

$mysqli = mysqli\_connect($databaseHost, $databaseUsername, $databasePassword, $databaseName);

// Check connection

if (!$mysqli) {

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

}

?>

### **2. index.php**

This file displays a list of users and provides links to add, edit, and delete users.

<?php

// Include the database connection file

include\_once("config.php");

// Fetch all users data from the database

$result = mysqli\_query($mysqli, "SELECT \* FROM users ORDER BY id DESC");

?>

<html>

<head>

<title>PHP CRUD Mini Project</title>

</head>

<body style="text-align: center;">

<a href="add.php"><h4>Add New User</h4></a><br/><br/>

<table width="80%" style="margin-left: 102px; background-color: lightyellow;" border="1">

<tr style="background-color: yellow">

<th>Name</th>

<th>Mobile</th>

<th>Email</th>

<th>Update</th>

</tr>

<?php

while ($user\_data = mysqli\_fetch\_array($result)) {

echo "<tr>";

echo "<td>".$user\_data['name']."</td>";

echo "<td>".$user\_data['mobile']."</td>";

echo "<td>".$user\_data['email']."</td>";

echo "<td><a href='edit.php?id=$user\_data[id]'>Edit</a> | <a href='delete.php?id=$user\_data[id]'>Delete</a></td>";

echo "</tr>";

}

?>

</table>

</body>

</html>

### **3. add.php**

This file handles the addition of new users to the database.

<?php

// Include database connection file

include\_once("config.php");

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

$name = $\_POST['name'];

$email = $\_POST['email'];

$mobile = $\_POST['mobile'];

// Insert user data into the database

$result = mysqli\_query($mysqli, "INSERT INTO users(name, email, mobile) VALUES('$name', '$email', '$mobile')");

// Show message when user added

echo "User added successfully. <a href='index.php'>View Users</a>";

}

?>

<html>

<head>

<title>Add Users</title>

</head>

<body style="text-align: center;">

<a href="index.php">Go to Home</a>

<br/><br/>

<form action="add.php" method="post" name="form1">

<table width="25%" border="0">

<tr>

<td>Name</td>

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

</tr>

<tr>

<td>Email</td>

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

</tr>

<tr>

<td>Mobile</td>

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

</tr>

<tr>

<td></td>

<td><input type="submit" name="Submit" value="Add"></td>

</tr>

</table>

</form>

</body>

</html>

### **4. edit.php**

This file handles the editing of user data.

<?php

// Include database connection file

include\_once("config.php");

// Check if form is submitted for user update

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

$id = $\_POST['id'];

$name = $\_POST['name'];

$email = $\_POST['email'];

$mobile = $\_POST['mobile'];

// Update user data

mysqli\_query($mysqli, "UPDATE users SET name='$name', email='$email', mobile='$mobile' WHERE id=$id");

// Redirect to homepage

header("Location: index.php");

}

// Get user ID from the URL parameter

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

// Fetch user data based on the ID

$result = mysqli\_query($mysqli, "SELECT \* FROM users WHERE id=$id");

while ($user\_data = mysqli\_fetch\_array($result)) {

$name = $user\_data['name'];

$email = $user\_data['email'];

$mobile = $user\_data['mobile'];

}

?>

<html>

<head>

<title>Edit User Data</title>

</head>

<body style="text-align: center;">

<a href="index.php">Home</a>

<br/><br/>

<form name="update\_user" method="post" action="edit.php">

<table width="25%" border="0">

<tr>

<td>Name</td>

<td><input type="text" name="name" value="<?php echo $name; ?>"></td>

</tr>

<tr>

<td>Email</td>

<td><input type="text" name="email" value="<?php echo $email; ?>"></td>

</tr>

<tr>

<td>Mobile</td>

<td><input type="text" name="mobile" value="<?php echo $mobile; ?>"></td>

</tr>

<tr>

<td><input type="hidden" name="id" value="<?php echo $id; ?>"></td>

<td><input type="submit" name="update" value="Update"></td>

</tr>

</table>

</form>

</body>

</html>

### **5. delete.php**

This file handles the deletion of users from the database.

<?php

// Include the database connection file

include\_once("config.php");

// Get the user ID from the URL

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

// Delete the user from the database

$result = mysqli\_query($mysqli, "DELETE FROM users WHERE id=$id");

// Redirect to the homepage after deletion

header("Location: index.php");

?>

### **Notes:**

* You must create a table named users in your database (crud\_db). The SQL query for creating the table can look like this:

CREATE TABLE users (

id INT(6) UNSIGNED AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(30) NOT NULL,

email VARCHAR(50),

mobile VARCHAR(15)

);