Lab Assignment No: 06

Problem statement: Design a dynamic web application using PHP and MYSQL as back-end for student data with insert, delete, view and update operation.

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CLASS: C                    BRANCH: ENTC                        BATCH: 3

CODE

Index.php

<?php include('server.php');

    //fetch record to be updated

    if(isset($\_GET['edit']))

    {

        $id = $\_GET['edit'];

        $edit\_state = true;

        $rec =mysqli\_query($db, "SELECT \* FROM info WHERE id=$id");

        $record = mysqli\_fetch\_array($rec);

        $name = $record['name'];

        $address = $record['address'];

        $id = $record['id'];

        $gr = $record['gr'];

        $email = $record['email'];

        $mobile = $record['mobile'];

    }

?>

<!DOCTYPE html>

<html>

<head>

    <title>CRUD: Create, Update, Delete PHP MySQL</title>

    <link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

    <?php if (isset($\_SESSION['message'])): ?>

    <div class="msg">

        <?php

            echo $\_SESSION['message'];

            unset($\_SESSION['message']);

        ?>

    </div>

    <?php endif ?>

    <table>

        <thead>

            <tr>

                <th>Name</th>

                <th>Address</th>

                <th>GR No</th>

                <th>Email</th>

                <th>Mobile No</th>

                <th colspan="2">Action</th>

            </tr>

        </thead>

        <tbody>

            <?php while($row = mysqli\_fetch\_array($results)){ ?>

                <tr>

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

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

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

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

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

                <td>

                    <a href="index.php?edit=<?php echo $row['id'];?>">Edit</a>

                </td>

                <td>

                    <a href="server.php?del=<?php echo $row['id'];?>">Delete</a>

                </td>

                </tr>

            <?php }?>

        </tbody>

    </table>

    <form method="post" action="server.php" >

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

        <div class="input-group">

            <label>Name</label>

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

        </div>

        <div class="input-group">

            <label>Address</label>

            <input type="text" name="address" value="<?php echo $address?>">

        </div>

        <div class="input-group">

            <label>GR No</label>

            <input type="text" name="gr" value="<?php echo $gr?>">

        </div>

        <div class="input-group">

            <label>Email</label>

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

        </div>

        <div class="input-group">

            <label>Mobile No</label>

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

        </div>

        <div class="input-group">

            <?php if($edit\_state == false):?>

                <button class="btn" type="submit" name="save" >Save</button>

            <?php else: ?>

                <button class="btn" type="submit" name="update" >Update</button>

            <?php endif?>

        </div>

    </form>

</body>

</html>

Server.php

<?php

    session\_start();

    // initialize variables

    $name = "";

    $address = "";

    $id = 0;

    $email = "";

    $gr = "";

    $mobile = "" ;

    $edit\_state = false;

    //$update = false;

    //connec to database

    $db = mysqli\_connect('localhost', 'root', '', 'crud2', '8111');

    //if save button is clicked

    if (isset($\_POST['save'])) {

        $name = $\_POST['name'];

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

        $email = $\_POST['email'];

        $gr = $\_POST['gr'];

        $mobile = $\_POST['mobile'];

        $query = "INSERT INTO info (name, address, email, gr, mobile) VALUES ('$name', '$address', '$email', '$gr', '$mobile')";

        mysqli\_query($db, $query);

        $\_SESSION['msg'] = "Data saved";

        header('location: index.php');// redirect to index page after inserting

    }

    //Update records

    if(isset($\_POST['update']))

    {

        $name = mysql\_real\_escape\_string($db, $\_POST['name']);

        $address = mysql\_real\_escape\_string($db, $\_POST['address']);

        $id = mysql\_real\_escape\_string($\_POST['id']);

        mysqli\_query($db, "UPDATE info SET name='$name', address='$address' WHERE id=$id");

        $\_SESSION['message'] = "Address updated!";

        header('location: index.php');

    }

    // Delete records

    if (isset($\_GET['del'])) {

    $id = $\_GET['del'];

    mysqli\_query($db, "DELETE FROM info WHERE id=$id");

    $\_SESSION['message'] = "Record deleted!";

    header('location: index.php');

    }

    // Retrieve records

    $results = mysqli\_query($db, 'SELECT \* FROM info');

Style.css

body {

  font-size: 19px;

}

table {

  width: 50%;

  margin: 30px auto;

  border-collapse: collapse;

  text-align: left;

}

tr {

  border-bottom: 1px solid #cbcbcb;

}

th,

td {

  border: none;

  height: 30px;

  padding: 2px;

}

tr:hover {

  background: #f5f5f5;

}

form {

  width: 45%;

  margin: 50px auto;

  text-align: left;

  padding: 20px;

  border: 1px solid #bbbbbb;

  border-radius: 5px;

}

.input-group {

  margin: 10px 0px 10px 0px;

}

.input-group label {

  display: block;

  text-align: left;

  margin: 3px;

}

.input-group input {

  height: 30px;

  width: 93%;

  padding: 5px 10px;

  font-size: 16px;

  border-radius: 5px;

  border: 1px solid gray;

}

.btn {

  padding: 10px;

  font-size: 15px;

  color: white;

  background: #5f9ea0;

  border: none;

  border-radius: 5px;

}

.edit\_btn {

  text-decoration: none;

  padding: 2px 5px;

  background: #2e8b57;

  color: white;

  border-radius: 3px;

}

.del\_btn {

  text-decoration: none;

  padding: 2px 5px;

  color: white;

  border-radius: 3px;

  background: #800000;

}

.msg {

  margin: 30px auto;

  padding: 10px;

  border-radius: 5px;

  color: #3c763d;

  background: #dff0d8;

  border: 1px solid #3c763d;

  width: 50%;

  text-align: center;

}

DATABASE

PhpMyAdmin

Table

OUTPUTS

Create

Remove

Update

Delete