| Name | Lee Xuan Hui |
|------|--------------|
| Matric | A24DW0423 |
| Section | 44 |
| Lab Skill Number | 5 |
| Signature & Date | |

# For this lab skill, submit the code for the 4 files.

1. **Add new Customer**

   Based on the following **Registration Form**,

Output:

**Customer Register**

**Name:**

[                                                    ]

**email:**

[                                                    ]

**contact number**

[                                                    ]

**Username**

[                                                    ]

**Password**

[                                                    ]

[ Submit ]

Coding:

```html
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Register Form</title>
5
6          <style>
7              h5{
8                  font-size: 20px;
9              }
10
11             form{
12                 padding: 20px;
13                 line-height: 15px;
14             }
15
16             .greenSubmitButton{
17                 background-color: green;
18                 width: 100px;
19                 height: 50px;
20                 font-size: 15px;
21                 color: white;
22             }
23
24         </style>
25
26     </head>
27     <form class="w3-container" name="registerFrom" action="processCustomer.php" onsubmit="return ValidationForm()" method="post" class="w3docs">
28     <body>
29         <p style="background-color: gray;font-size: larger;">Customer Register</p>
30         <label for="name"><h5>Name: </h5></label>
31         <input type="text" name="name" size="100" style="font-size: 20px;">
32         <label for="email"><h5>email: </h5></label>
33         <input type="text" name="email" size="100" style="font-size: 20px;">
34         <label for="tel"><h5>contact number</h5></label>
35         <input type="text" name="number" size="100" style="font-size: 20px;">
36         <label for="Username"><h5>Username</h5></label>
37         <input type="text" name="Username" size="100" style="font-size: 20px;">
38         <label for="password"><h5>Password</h5></label>
39         <input type="text" name="Password" size="100" style="font-size: 20px;">
40         <br><br>
41         <input type="submit" name="submit" class="greenSubmitButton">
```

```html
42         </form>
43             <script>
44                 function ValidationForm() {
45                     //js example if regNumber and brand are compulsory input
46                     var name = document.forms["registerFrom"]["name"];
47                     var email = document.forms["registerFrom"]["email"];
48
49                     if(name.value == "") {
50                     alert("Please enter name.");
51                     name.focus();
52                     return false;
53                     }
54                     if(email.value == "") {
55                     alert("Please enter a valid email.");
56                     email.focus();
57                     return false;
58                     }
59                     return true;
60                 }
61             </script>
62         </body>
63     </html>
```

```php
<?php
//Filename: processCustomer.php
//complete the following code based on the comment given
include "customer.php";
if(isSet($_POST['registerButton']))
    {
     //call addNewCustomer() function in customer.php


    _____

    // after the customer has been added, display the customer list
    // by redirecting the page to customerList.php


     _____

    }
?>
```

```php
1    <?php
2    include "customer.php";
3    if(isset($_POST['submit'])){
4        addNewCustomer();
5        header('location:customerList.php');
6        exit;
7    }else{
8        echo "error";
9    }
10   ?>
```

- **Write customer.php** with one function named **addNewCustomer()** which will fetch the registration data from **registerForm.php** using POST array and add new record in the **customer** table.

```php
1  <!DOCTYPE html>
2  <html>
3      <?php
4          function addNewCustomer(){
5              $name = $_POST['name'];
6              $email = $_POST['email'];
7              $number = $_POST['number'];
8              $Username = $_POST['Username'];
9              $Password = $_POST['Password'];
10             $con = mysqli_connect('localhost','root','','cardb');
11             //register form
12             if(mysqli_connect_errno()){
13             echo "Failed to connect to MySQL:".mysqli_connect_error();
14             }
15             //database
16             $sql="INSERT INTO customer(customer, email, number, Username, Password)
17             VALUES ('$name','$email','$number','$Username','$Password')";
18
19             $qry = mysqli_query($con,$sql);
20             mysqli_close($con);
21
22             if(!$qry){
23                 return false;
24             }else{
25                 return true;
26             }
27         }
28
```

```php
31    function getListOfCustomer(){
32        $con = mysqli_connect('localhost', 'root', '', 'cardb');
33        if (mysqli_connect_error()) {
34            echo "<tr><td colspan='6'>Failed to connect to MySQL: " . mysqli_connect_error() . "</td></tr>";
35        } else {
36            $sql = "SELECT `customer`, `email`, `number`, `Username`, `Password` FROM customer";
37            $result = mysqli_query($con, $sql);
38
39            if (mysqli_num_rows($result) > 0) {
40                while ($row = mysqli_fetch_assoc($result)) {
41                    echo "<tr>";
42                    echo "<td>" . htmlspecialchars($row['customer']) . "</td>";
43                    echo "<td>" . htmlspecialchars($row['email']) . "</td>";
44                    echo "<td>" . htmlspecialchars($row['number']) . "</td>";
45                    echo "<td>" . htmlspecialchars($row['Username']) . "</td>";
46                    echo "<td>" . htmlspecialchars($row['Password']) . "</td>";
47                    echo "<td>";
48                        <form method='post' style='display:inline'>
49                            <input type='hidden' name='delete_username' value='" . $row['Username'] . "'>
50                            <input type='submit' name='delete' value='Delete' onclick=\"return confirm('Are you sure you want to delete this record?');\">
51                        </form>
52                    </td>";
53                    echo "</tr>";
54                }
55            } else {
56                echo "<tr><td colspan='6'>No customer found</td></tr>";
57            }
58
59            mysqli_close($con);
60        }
61    }
62
```

```php
63 ∨            function deleteCustomer($Username) {
64                 $con = mysqli_connect('localhost','root','','cardb');
65 ∨               if(mysqli_connect_errno()){
66                     echo "Failed to connect to MySQL:".mysqli_connect_error();
67                     return false;
68                 }
69
70                 $stmt = $con->prepare("DELETE FROM customer WHERE Username = ?
71 ∨               if (!$stmt) {
72                     echo "Prepare failed: " . $con->error;
73                     return false;
74                 }
75
76                 $stmt->bind_param("s", $Username);
77                 $result = $stmt->execute();
78
79                 $stmt->close();
80                 $con->close();
81
82                 return $result;
83             }
84         ?>
85     </html>
```

### 3. Display Customer List

- Write a **customerList.php** which will get the list of customer in the **customer** table and display the list of customer.
- Add **getListOfCustomer()** function in the **customer.php**
- Use suitable CSS framework to display the list of customer in a table.
- Add **deleteCustomer()** function in **customer.php** which will delete a selected customer.
- In the customer list, create a button which can allow user the delete the selected customer record.

```php
<?php

//Filename: customerList.php

//write the code for customerList.php



?>
```

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title>Customer List</title>
5       <style>
6           table {
7               width: 100%;
8               border-collapse: collapse;
9           }
10          th, td {
11              border: 1px solid black;
12              padding: 8px;
13              text-align: left;
14          }
15      </style>
16  </head>
17  <body>
18      <h2>Customer List</h2>
19      <table>
20          <thead>
21              <tr>
22                  <th>Name</th>
23                  <th>Email</th>
24                  <th>Contact Number</th>
25                  <th>Username</th>
26                  <th>Password</th>
27              </tr>
28          </thead>
29          <tbody>
30              <?php
31              $con = mysqli_connect('localhost', 'root', '', 'cardb');
32              if (mysqli_connect_errno()) {
33                  echo "Failed to connect to MySQL: " .mysqli_connect_error();
34              }
35              $sql= "SELECT name, email, contactNumber, username, password FROM customers" ;
36              $result = mysqli_query($con, $sql);
37              if (mysqli_num_rows($result) > 0) {
38                  while($row = mysqli_fetch_assoc($result)) {
39                      echo "<tr>";
40                      echo "<td>" . $row["name"]. "</td>";
41                      echo "<td>" . $row["email"]. "</td>";
42                      echo "<td>" . $row["contactNumber"]. "</td>";
43                      echo "<td>" . $row["username"]. "</td>";
44                      echo "<td>" . $row["password"]. "</td>";
45                      echo "</tr>";
46                  }
47              } else {
48                  echo "<tr><td colspan='6'>No cars found</td></tr>";
49              }
50              mysqli_close($con);
51              ?>
52          </tbody>
53      </table>
54  </body>
55  </html>
```
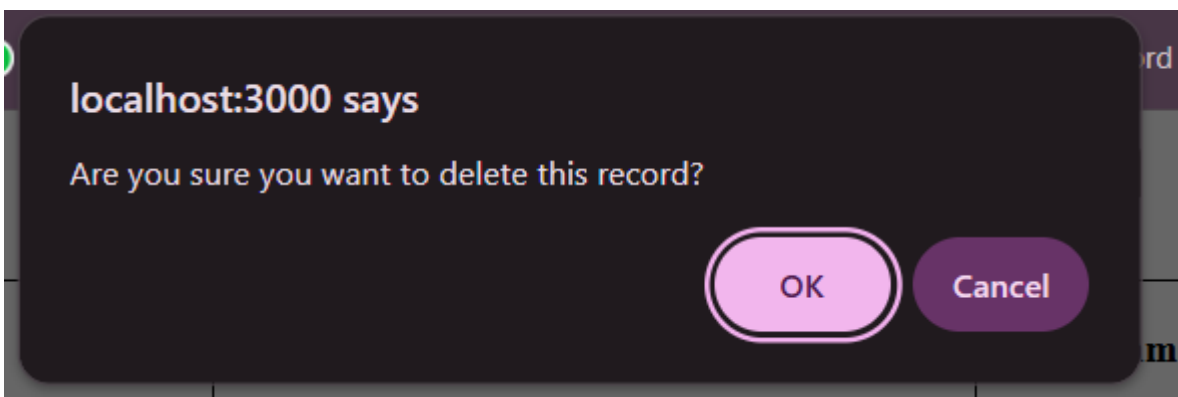
**Name:**

lee xuan hui

**email:**

leexuanhui@gamil.com

**contact number**

+60142755982

**Username**

2

**Password**

23

Submit

**Customer list**

| Customer | Email | Contact Number | Username | Password | |
|----------|-------|----------------|----------|----------|---|
| lee xuan hui | leexuanhui@gamil.com | +60142755982 | 2 | 23 | Delete |

localhost:3000 says

Are you sure you want to delete this record?

OK          Cancel

**Customer list**

Customer deleted successfully.

| Customer | Email | Contact Number | Username | Password |
|----------|-------|----------------|----------|----------|
| No customer found | | | | |