

Lab #6(a)

Lab#6(a) Implement a category and product management page with insert, update and delete operations.

Method/Query	Description
<code>\$conn = new mysqli(\$host, \$username, \$password, \$dbname);</code>	Establishes a MySQL database connection using provided credentials (\$host, \$username, \$password, \$dbname).
<code>\$conn->connect_error</code>	Retrieves the error message when connecting to the database fails.
<code>\$sql = "SELECT * FROM phones";</code>	Constructs an SQL query to fetch all records from the 'phones' table.
<code>\$result = \$conn->query(\$sql);</code>	Executes the SQL query and retrieves the result set.
<code>while (\$row = \$result->fetch_assoc()) { ... }</code>	Loops through each row in the result set and retrieves data as associative arrays (\$row).
<code>\$conn->close();</code>	Closes the database connection.

Lab #6(a)

<pre>if (isset(\$_POST['product_name'], \$_POST['price'], \$_POST['category'], \$_POST['description'])) { ... }</pre>	Checks if the required POST data (product_name, price, category, description) is set.
<pre>move_uploaded_file(\$photo_tmp, \$upload_path);</pre>	Moves the uploaded photo file from the temporary location (\$photo_tmp) to the designated upload directory (\$upload_path).
<pre>if (\$_SERVER["REQUEST_METHOD"] == "POST") { ... } else { ... }</pre>	Checks if the current request method is POST. Executes different blocks for handling POST requests and other cases.
<pre>if (isset(\$_SESSION['email'])) { ... } else { ... }</pre>	Checks if a session with 'email' is set. Executes different blocks for authenticated and unauthenticated users.
<pre>if (isset(\$_GET['id'])) { ... } else { ... }</pre>	Checks if the 'id' parameter is set in the URL query. Executes different blocks based on whether the parameter is set or not.
<pre>\$conn->query(\$sql);</pre>	Executes an SQL query on the database.
<pre>echo "<script>alert('Product updated successfully.');</pre>	Displays a JavaScript alert indicating successful product update.

Lab #6(a)

```
echo "<script>alert('Product deleted  
successfully.');";
```

Displays a JavaScript alert indicating successful product deletion.

```
else { echo "Product ID not provided."; }
```

Displays a message indicating that the product ID is not provided in the URL query.

Final Outcome:

Mobile Shopping

[Home](#) [Categories](#) [Register](#) [Login](#) [About us](#)

Inserted Items

Name	Price	Description	Photo	Edit
Apple iPhone 14 Plus	78999	16.95 cm (6.7-inch) Super Retina XDR display Advanced camera system for better phot	iphone14plus.webp	Update Delete
IQOO Z6	34999	IQOO Z6 color: black RAM: 12GB ROM: 256GB	iqoo z6.webp	Update Delete
Oneplus 11R	31999	Oneplus 11R color: black RAM: 12GB ROM: 256GB	oneplus11r.webp	Update Delete
Samsung galaxy a14	24999	Samsung galaxy a14 color: black RAM: 12GB ROM: 256GB	galaxy a14.webp	Update Delete
Oneplus nord 3	29999	Oneplus nord 3 color: black RAM: 12GB ROM: 256GB	oneplus nord 3.webp	Update Delete
IQOO NEO 7	39999	IQOO color: black RAM: 12GB ROM: 256GB	iqoo.webp	Update Delete

localhost/AWT/Lab-3/update.php?id=15

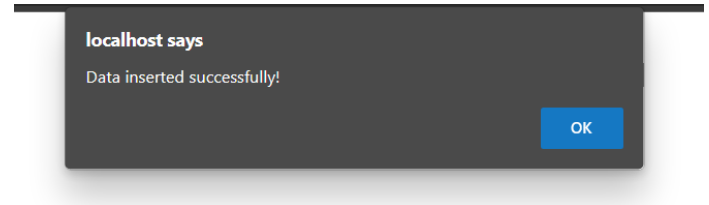
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Lab #6(a)

Insert:

Insert Item

Product name	<input type="text" value="Samsung s23"/>
Price	<input type="text" value="89999"/>
Category	<input type="text" value="Samsung"/>
Description	<input type="text" value="color: black RAM: 12GB ROM: 256GB"/>
Photo	<input type="button" value="Choose File"/> samsung s23.webp
<input type="button" value="Submit"/>	



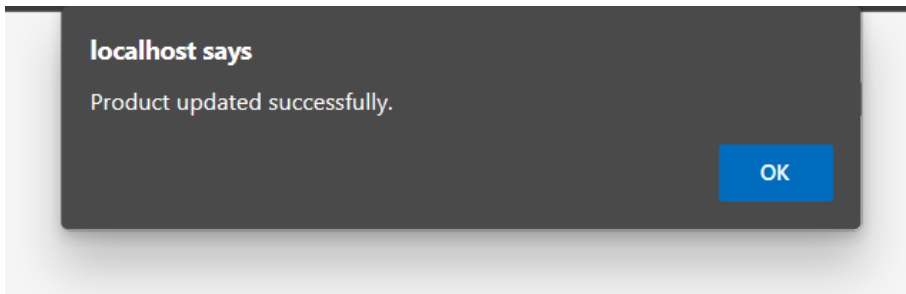
Update:

Mobile Shopping

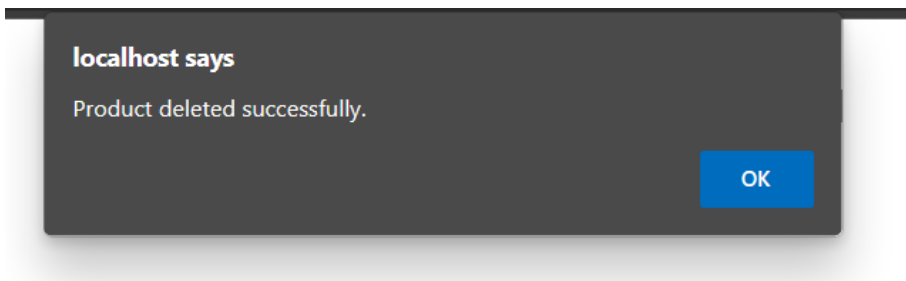
Home Categories Register Login

Product Name:	<input type="text" value="Samsung s23"/>
Product Category:	<input type="text" value="Samsung"/>
Price:	<input type="text" value="79999"/>
Description:	<input type="text" value="Samsung s23 color: black"/>
<input type="button" value="Update"/>	

Lab #6(a)



Delete:



Code Snippet:

Admin_management.php:

```
<!DOCTYPE html>
<html>

<head>
    <title>Admin Manaegment</title>
    <link rel="stylesheet" href="admin_management.css">
</head>

<body>
    <header>
        <h1>Mobile Shopping</h1>
        <div class="flex-container">
```

Lab #6(a)

```
<div><a href="home.php">Home</a></div>
<div><a href="Categories.html">Categories</a></div>
<div><a href="Registration.php">Register</a></div>
<div><a href="Login.php">Login</a></div>
<div><a href="#">About us</a></div>
</div>
</header>
<div class="inserted_info">
  <h1>Inserted Items</h1>
  <table class="inserted">
    <tr>
      <th>Name</th>
      <th>Price</th>
      <th>Description</th>
      <th>Photo</th>
      <th>Edit</th>
    </tr>
  <?php
    // Connect to the database
    $host = "localhost";
    $username = "root";
    $password = "";
    $dbname = "mobile_shopping";

    $conn = new mysqli($host, $username, $password, $dbname);

    if ($conn->connect_error) {
      die("Connection failed: " . $conn->connect_error);
```

Lab #6(a)

```
}

// Fetch data from the database
$sql = "SELECT * FROM phones";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    while ($row = $result->fetch_assoc()) {
        echo "<tr>";
        echo "<td>" . $row["product_name"] . "</td>";
        echo "<td>" . $row["price"] . "</td>";
        echo "<td>" . $row["description"] . "</td>";
        echo "<td>" . $row["photo_url"] . "</td>";
        echo "<td><a href=\"update.php?id=" . $row["p_id"] . "\"><button style=\"background-
color: aqua; border-radius: 5px;\">Update</button></a> <a href=\"delete.php?id=" . $row["p_id"] .
\"><button style=\"background-color: red; border-radius: 5px;\">Delete</button></a>";
        echo "</tr>";
    }
} else {
    echo "<tr><td colspan=\\\"5\\\">No items found</td></tr>";
}

$conn->close();

?>
</table>
</div>

<div class="insert_item">
    <h1>Insert Item</h1>
```

Lab #6(a)

```
<form method="post" action="Admin_management.php" enctype="multipart/form-data">
  <table style="border: 0px solid red;" class="table2">
    <tr>
      <td style="font-size: larger;">Product name</td>
      <td><input type="text" name="product_name" id="product_name"></td>
    </tr>
    <tr>
      <td style="font-size: larger;">Price</td>
      <td><input type="number" name="price" id="price"></td>
    </tr>
    <tr>
      <td style="font-size: larger;">Category</td>
      <td><input type="text" name="category" id="category"></td>
    </tr>
    <tr>
      <td style="font-size: larger;">Description</td>
      <td><textarea name="description" id="description" style="border-radius:
5px;"></textarea></td>
    </tr>
    <tr>
      <td style="font-size: larger;">Photo</td>
      <td><input type="file" name="photo" id="photo"></td>
    </tr>
    <tr style="text-align: center;">
      <td colspan="2">
        <input type="submit" style="width: 150px; background-color: blue; color: aliceblue;
height: 30px;">
      </td>
    </tr>
  </table>
```

Lab #6(a)

```
</table>

</form>

</div>

<footer>

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</footer>

</body>

</html>

<?php
    if (isset($_POST['product_name'], $_POST['price'], $_POST['category'], $_POST['description'])) {
        $product_name = $_POST['product_name'];
        $price = $_POST['price'];
        $description = $_POST['description'];
        $category = $_POST['category'];

        if (isset($_FILES['photo']) && $_FILES['photo']['error'] === UPLOAD_ERR_OK) {
            $photo_name = $_FILES['photo']['name'];
            $photo_tmp = $_FILES['photo']['tmp_name'];

            $host = "localhost";
            $username = "root";
            $password = "";
            $dbname = "mobile_shopping";

            $conn = new mysqli($host, $username, $password, $dbname);
```

Lab #6(a)

```
if ($conn->connect_error) {  
    die("Connection failed: " . $conn->connect_error);  
}
```

```
$sql = "INSERT INTO phones (product_name, price, category, description, photo_url) VALUES  
('$product_name', '$price', '$category', '$description', '$photo_name')";
```

```
if ($conn->query($sql) === TRUE) {  
    $upload_path = "upload/" . $photo_name;  
    if (move_uploaded_file($photo_tmp, $upload_path)) {  
        echo "<script>alert(\"Data inserted successfully!\");</script>";  
    } else {  
        echo "<script>console.error(\"Error moving uploaded file.\");</script>";  
    }  
} else {  
    echo "<script>console.error(\"Error: $sql , $conn->error\");</script>";  
}
```

```
$conn->close();  
} else {  
    echo "<script>console.error(\"Error uploading file.\");</script>";  
}  
}  
?>
```

Update.php:

```
<!DOCTYPE html>

<html>

<head>

    <title>Update Product</title>

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

</head>

<body>

    <header>

<h1>Mobile Shopping</h1>

        <div class="flex-container">

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

            <div><a href="Categories.html">Categories</a></div>

            <div><a href="Registration.php">Register</a></div>

            <div><a href="#">Login</a></div>

        </div>

    </header>

    <div class="container">

        <?php

            session_start();

            if (isset($_SESSION['email'])) {

                if ($_SERVER["REQUEST_METHOD"] == "POST") {

                    // Retrieve the form data

                    $product_id = $_POST['product_id'];

                    $product_name = $_POST['product_name'];

                    $product_category = $_POST['product_category'];

                    $price = $_POST['price'];
```

Lab #6(a)

```
$description = $_POST['description'];
```

```
// Connect to the database
```

```
$host = "localhost";
```

```
$username = "root";
```

```
$password = "";
```

```
$dbname = "mobile_shopping";
```

```
$conn = new mysqli($host, $username, $password, $dbname);
```

```
if ($conn->connect_error) {
```

```
    die("Connection failed: " . $conn->connect_error);
```

```
}
```

```
// Update the product data in the database
```

```
$sql = "UPDATE phones SET product_name='$product_name', category='$product_category',  
price='$price', description='$description' WHERE p_id='$product_id'";
```

```
if ($conn->query($sql) === TRUE) {
```

```
    echo "<script>alert('Product updated successfully.');
```

```
} else {
```

```
    echo "Error updating product: " . $conn->error;
```

```
}
```

```
$conn->close();
```

```
} else {
```

```
    // Check if the product ID is provided in the URL
```

```
    if (isset($_GET['id'])) {
```

```
        $product_id = $_GET['id'];
```

```
        // Connect to the database
```

```
        $host = "localhost";
```



Lab #6(a)

```
$username = "root";
$password = "";
$dbname = "mobile_shopping";

$conn = new mysqli($host, $username, $password, $dbname);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Fetch the product data based on the provided ID
$sql = "SELECT * FROM phones WHERE p_id = $product_id";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    $row = $result->fetch_assoc();
    // Display a form to update the product
    echo '<form method="post" action="update.php">';
    echo '<input type="hidden" name="product_id" value="' . $row['p_id'] . '">';
    echo '<label for="product_name">Product Name:</label>';
    echo '<input type="text" id="product_name" name="product_name" value="' .
$row['product_name'] . '" required>';
    echo '<label for="product_category">Product Category:</label>';
    echo '<input type="text" id="product_category" name="product_category" value="' .
$row['category'] . '" required>';
    echo '<label for="price">Price:</label>';
    echo '<input type="text" id="price" name="price" value="' . $row['price'] . '" required>';
    echo '<label for="description">Description:</label>';
```

Lab #6(a)

```
        echo '<textarea id="description" name="description" required>' . $row['description'] .  
'</textarea>';  
  
        echo '<button type="submit">Update</button>';  
        echo '</form>';  
    } else {  
        echo "Product not found.";  
    }  
  
    $conn->close();  
} else {  
    echo "Product ID not provided.";  
}  
}  
} else {  
    echo "Please log in first.";  
}  
?>  
</div>  
<footer>  
    &copy; 2023 Mobile Shopping App. All rights reserved.  
</footer>  
</body>  
</html>
```

Lab #6(a)

Delete.php:

```
<?php
// Check if the product ID is provided in the URL
if (isset($_GET['id'])) {
    $product_id = $_GET['id'];
    // Connect to the database
    $host = "localhost";
    $username = "root";
    $password = "";
    $dbname = "mobile_shopping";

    $conn = new mysqli($host, $username, $password, $dbname);

    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    // Delete the product based on the provided ID
    $sql = "DELETE FROM phones WHERE p_id = $product_id";
    if ($conn->query($sql) === TRUE) {
        echo "<script>alert('Product deleted successfully.');
```