Group name: AE

Members:

Broqueza, Marc Philip B. Bondad, Lore Jane M. Castro, Helaena Daphnie Q. Samper, Jhon Arvin C.

Course Yr. & Block: BSIT-ANIMATION 3A

Problem Number: 1

Problem Statement: Need to workout the display, to connect it from the database.

CODE CHANGES

INTERFACE CHANGES

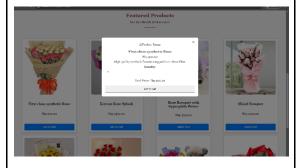
Describe the functionality added or Changed

<?php
// Include the database connection
include('db.php');
session_start(); // Start the session to check login
status

// Query to fetch all products

\$query = "SELECT * FROM products"; \$result = \$conn->query(\$query);

if (\$result->num_rows > 0) {
 \$products = \$result>fetch_all(MYSQLI_ASSOC); // Fetch all rows as
an associative array
} else {
 \$products = [];



It's not heavy coded anymore like the first code that we present. It is connected also to our data base; the code is loop. Now it is easier to add new items through our database.

```
}
?>
<!-- Product Showcase -->
 <section class="product-showcase">
  <?php foreach ($products as $product): ?>
    <div class="product-item">
    <imq src="images/<?php echo</pre>
                                                       Titional National con 25 v Physical Socialis Soligony Name
$product['product_id']; ?>.ipeg" alt="<?php echo</pre>
$product['product_name']; ?>" class="product-
image">
     <h3 class="product-name"><?php echo</pre>
$product['product_name']; ?></h3>
     Php <?php echo</pre>
$product['product_price']; ?>
     <!-- The Add to Cart button -->
     <butoon class="btn view-btn"
onclick="openAddToCartModal('<?php echo
$product['product_id']; ?>', '<?php echo</pre>
$product['product_name']; ?>', '<?php echo</pre>
$product['product_price']; ?>', '<?php echo</pre>
addslashes($product['product_desc']); ?>')">Add to
Cart</button>
    </div>
  <?php endforeach; ?>
 </section>
```

Problem Statement: The cart must also be from the database.

CODE CHANGES INTERFACE CHANGES Describe the functionality added or Changed //ADD_Product.php The first two codes send the item to the <?php include('db.php'); include('header.php'); cart, the fetch cart displays the items from session_start(); the database. if (\$_SERVER['REQUEST_METHOD'] == 'POST') { // Get form data \$product_name = \$_POST['product_name']; \$product_price = \$_POST['product_price']; \$product_desc = \$_POST['product_desc']; // Insert into database \$query = "INSERT INTO products (product_name, product_price, product_desc) VALUES (?, ?, ?)"; \$stmt = \$conn->prepare(\$query); \$stmt->bind_param('sss', \$product_name, \$product_price, \$product_desc); \$stmt->execute(): Especia // Redirect to manage products page made fo header("Location: manage products.php"); exit(); ?> <h2>Add New Product</h2> <form action="add_product.php" method="POST"> <label for="product_name">Product Name:</label> <input type="text" name="product_name" required>
 <label for="product price">Price:</label> <input type="text" name="product_price" required>
 <label for="product_desc">Description:</label> <textarea name="product_desc" required></textarea>
 <button type="submit">Add Product</button> </form> //ADD_TO_CART.php □ Shee'31 | Namer of took | 25 × | Marrows, | Seet's Politicial | Seetily lay, | Name // Include database connection include 'db.php'; t_ C Checoli - Raturement ≥50c SeCopy - @ Doctor - III Depoil \$userId = \$_POST['user_id']; \$query = "SELECT * FROM users WHERE user_id = ?"; ☐ Sheeral | Number of coas | 25 m | Figure 900 | Secret distribution | Secret distribut \$stmt = \$conn->prepare(\$query); \$stmt->bind_param("i", \$userId); \$stmt->execute(); \$result = \$stmt->get result(); if (\$result->num_rows === 0) { die("Error: Invalid user ID."); // Continue with the cart insertion logic

```
// Check if the request is POST
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
  // Retrieve POST data
  $product_id = $_POST['product_id'];
$product_name = $_POST['product_name'];
   $quantity = $ POST['quantity'];
  $\text{$\frac{1}{2}$ post[quantity];}$
$\text{total_price} = $\text{POST['total_price'];}$
$\user_id = \text{$POST['user_id'];}$
  // Check if the product is already in the cart
  $stmt = $conn->prepare("SELECT * FROM cart WHERE user id = ? AND
product_id = ?");
  $stmt->bind_param("ii", $user_id, $product_id);
  $stmt->execute();
  $result = $stmt->get_result();
  // If product exists in cart, update quantity, else insert new record
  if ($result->num_rows > 0) {
     // Product already in cart, update quantity
$stmt = $conn->prepare("UPDATE cart SET quantity = quantity + ?
WHERE user_id = ? AND product_id = ?");
     $stmt->bind_param("iii", $quantity, $user_id, $product_id);
     $stmt->execute();
     echo "Product quantity updated in cart!";
  } else {
     // Insert new product to cart
*stmt = $conn->prepare("INSERT INTO cart (user_id, product_id, product_name, quantity) VALUES (?, ?, ?, ?)");
     $stmt->bind_param("iisi", $user_id, $product_id, $product_name,
$quantity);
     $stmt->execute();
     echo "Product added to cart!";
  $stmt->close();
  $conn->close();
?>
<!-- Cart Modal (Hidden by default) -->
<div id="cartModal" class="modal">
 <div class="modal-content">
  <span class="close" onclick="closeCartModal()">&times;</span>
   <h3>Your Cart</h3>
   <div id="cartItemsContainer">
    <!-- Cart items will be dynamically loaded here -->
   </div>
    Total: Php <span id="totalAmount">0.00</span>
    <button id="checkoutButton" onclick="proceedToCheckout()">Proceed to
Checkout</button>
  </div>
 </div>
</div>
<script>
 // Open Cart Modal
 function openCartModal() {
const userId = <?php echo isset($_SESSION['user_id']) ? $_SESSION['user_id'] : 'null'; ?>;
  if (userId === null) {
    alert('Please log in first to view your cart.');
    window.location.href = 'login.php'; // Redirect to login page if not logged in
```

```
return;
  // Fetch cart items from the server
  const xhr = new XMLHttpRequest();
  xhr.open('POST', 'fetch_cart.php', true);
  xhr.setRequestHeader('Content-Type', 'application/x-www-form-
urlencoded');
  xhr.onload = function() {
   if (xhr.status === 200) {
    document.getElementById('cartItemsContainer').innerHTML =
xhr.responseText;
    document.getElementById('cartModal').style.display = 'block';
    alert('An error occurred while fetching your cart items.');
  xhr.send('user_id=' + userld);
 // Close Cart Modal
 function closeCartModal() {
  document.getElementById('cartModal').style.display = 'none';
 // Update the quantity of an item in the cart
function updateQuantity(productId, quantityChange) {
  const userId = <?php echo isset($_SESSION['user_id']) ?
$_SESSION['user_id']: 'null'; ?>;
  if (userId === null) {
    alert('Please log in first.');
   return;
  // Send the quantity change to the server const xhr = new XMLHttpRequest();
  xhr.open('POST', 'update_cart.php', true);
  xhr.setRequestHeader('Content-Type', 'application/x-www-form-
urlencoded');
  xhr.onload = function() {
   if (xhr.status === 200) {
    // Recalculate the total and update the UI
    fetchCartItems():
xhr.send(`user_id=${userId}&product_id=${productId}&quantity_change=${qu
antityChange}`);
 // Remove item from cart
 function removeItem(productId) {
  const userId = <?php echo isset($_SESSION['user_id']) ?
$_SESSION['user_id']: 'null'; ?>;
  if (userId === null) {
   alert('Please log in first.');
   return;
  const xhr = new XMLHttpRequest();
  xhr.open('POST', 'remove_from_cart.php', true);
  xhr.setRequestHeader('Content-Type', 'application/x-www-form-
  xhr.onload = function() {
   if (xhr.status === 200) {
```

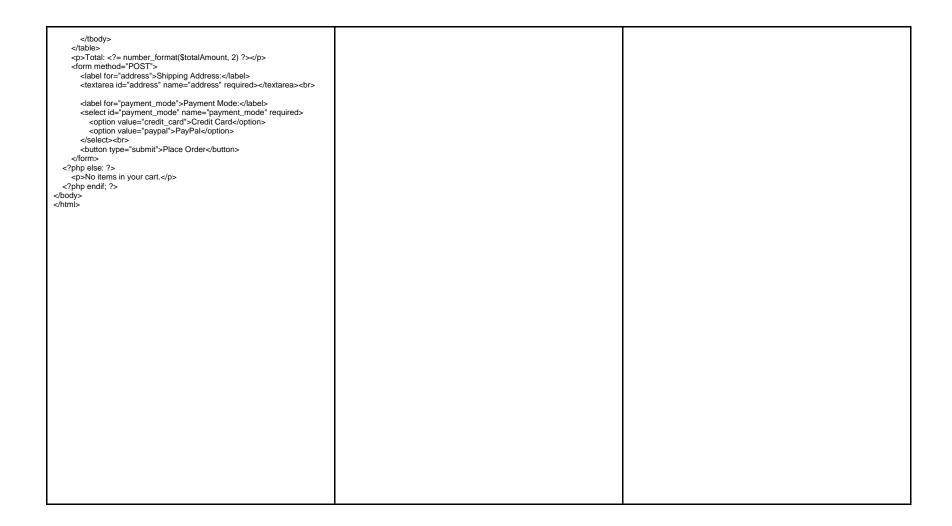
```
fetchCartItems();
  xhr.send(`user_id=${userId}&product_id=${productId}`);
 // Fetch cart items from the server and update total
function fetchCartItems() {
  const userId = <?php echo isset($_SESSION['user_id']) ?
$_SESSION['user_id']: 'null'; ?>;
  if (userId === null) {
   alert('Please log in first.');
   return;
  const xhr = new XMLHttpRequest();
  xhr.open('POST', 'fetch_cart.php', true);
  xhr.setRequestHeader('Content-Type', 'application/x-www-form-
urlencoded');
 whr.onload = function() {
    if (xhr.status === 200) {
        document.getElementById('cartItemsContainer').innerHTML =
xhr.responseText;
     updateTotalAmount();
  xhr.send('user_id=' + userId);
 // Update the total amount of selected items
 function updateTotalAmount() {
  const totalAmountElement = document.getElementById('totalAmount');
  let total = 0;
  const prices = document.querySelectorAll('.cart-item');
  prices.forEach(item => {
const itemTotal = parseFloat(item.querySelector('.total-
price').innerText.replace('Php ', ").trim());
   total += itemTotal:
  totalAmountElement.innerText = total.toFixed(2);
 // Proceed to checkout
function proceedToCheckout() {
  const userId = <?php echo isset($_SESSION['user_id']) ?
$_SESSION['user_id']: 'null'; ?>;
if (userId === null) {
   alert('Please log in first.');
   return;
  window.location.href = 'checkout.php';
</script>
</body>
</html>
fetch cart
<?php
include 'db.php';
session_start();
```

```
if (!isset($_POST['user_id'])) {
 echo 'User not logged in.';
  exit();
$userId = $_POST['user_id'];
// Fetch cart items for the user
$query = "SELECT cart.product_id, products.product_name,
products.product_price, cart.quantity
     FROM cart
      JOIN products ON cart.product_id = products.product_id
     WHERE cart.user_id = ?";
$stmt = $conn->prepare($query);
$stmt->bind_param('i', $userId);
$stmt->execute();
$result = $stmt->get_result();
// Initialize the output
$cartItems = ";
$totalAmount = 0;
while ($item = $result->fetch_assoc()) {
    $itemTotal = $item['product_price'] * $item['quantity'];
  $totalAmount += $itemTotal;
  $cartItems .= "
    <div class='quantity-control'>
         <button onclick='updateQuantity({$item['product_id']}, -1)'>-
</button>
         <span>{$item['quantity']}</span>
         <button onclick='updateQuantity({$item['product_id']},</pre>
1)'>+</button>
       <span>Php " . number_format($itemTotal, 2) . "</span>
       <button onclick='removeltem({$item['product_id']})'>Remove</button>
// Return the cart items and total amount
echo $cartItems;
echo "Total: Php <span id='totalAmount'>" .
number_format($totalAmount, 2) . "</span>";
```

Problem Statement: The final order must be saved into the database.

CODE CHANGES INTERFACE CHANGES Describe the functionality added or Changed Checkout.php This code sends the necessary data to include 'db.php'; their respective tables. It records the session_start(); order and the order details (items) in that if (!isset(\$_SESSION['user_id'])) { header('Location: login.php'); order. exit(): \$userId = \$_SESSION['user_id']; \$itemDetails = []; \$query = "SELECT products.product_id, products.product_name, products.product_price, cart.quantity FROM cart JOIN products ON cart.product_id = products.product_id WHERE cart.user id = ?": \$stmt = \$conn->prepare(\$query); \$stmt->bind param('i', \$userId); \$stmt->execute(); \$result = \$stmt->get_result(); while (\$row = \$result->fetch_assoc()) { \$itemDetails[] = \$row; if (\$_SERVER['REQUEST_METHOD'] === 'POST') { \$address = \$_POST['address']; \$paymentMode = \$_POST['payment_mode']; if (empty(\$itemDetails)) { echo "Error: No items in your cart."; exit(); C Steval | Suntantinus | 25 × Title res. Social In Mile | Solity by Nov. \$conn->begin_transaction(); \$\text{StotalAmount = array_reduce(\$itemDetails, function (\$sum, \$item) { return \$sum + (\$item['product_price'] * \$item['quantity']); } \$orderQuery = "INSERT INTO orders (user_id, total_amount, status, payment_mode, address, created_at) VALUES (?, ?, 'Pending', ?, ?, NOW())";

```
$stmt = $conn->prepare($orderQuery);
    $stmt->bind_param('idss', $userId, $totalAmount, $paymentMode,
$address);
                                                                         Your Order History
    $stmt->execute();
    $orderId = $stmt->insert_id;
    $detailQuery = "INSERT INTO order_details (order_id, product_id,
quantity, price, total)
             VALUES (?, ?, ?, ?, ?)";
    $detailStmt = $conn->prepare($detailQuery);
    foreach ($itemDetails as $item) {
      $itemTotal = $item['product_price'] * $item['quantity'];
      $detailStmt->bind_param('iiidi', $orderId, $item['product_id'],
$item['quantity'], $item['product_price'], $itemTotal);
      $detailStmt->execute();
    $deleteQuery = "DELETE FROM cart WHERE user_id = ?";
    $stmt = $conn->prepare($deleteQuery);
    $stmt->bind_param('i', $userId);
    $stmt->execute();
                                                                         Your Order History
    $conn->commit();
    header("Location: order_history.php");
    exit();
 } catch (Exception $e) {
    $conn->rollback();
    error_log("Checkout error: " . $e->getMessage());
    echo "Something went wrong. Please try again later.";
?>
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Checkout</title>
</head>
<body>
  <h1>Checkout</h1>
  <?php if (!empty($itemDetails)): ?>
    <thead>
           Product
           Price
           Quantity
           Total
         </thead>
       <?php $totalAmount = 0; ?>
         <?php foreach ($itemDetails as $item): ?>
           <?php $itemTotal = $item['product_price'] * $item['quantity']; ?>
           <?= htmlspecialchars($item['product_name']) ?>
             <?= number_format($item['product_price'], 2) ?>
             <?= $item['quantity'] ?>
             <?= number_format($itemTotal, 2) ?>
           <?php $totalAmount += $itemTotal; ?>
         <?php endforeach; ?>
```

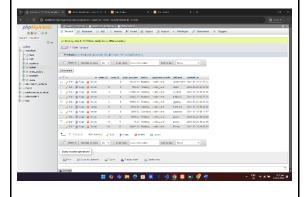


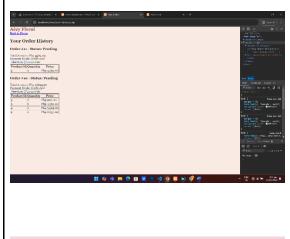
Problem Statement: History of orders

CODE CHANGES

```
// Include database connection
include('db.php');
session start();
// Check if the user is logged in
if (!isset($ SESSION['user id'])) {
  header('Location: login.php');
$user_id = $_SESSION['user_id'];
// Fetch orders for the user
$query = "SELECT * FROM orders WHERE user id = ? ORDER BY
created at DESC"
$stmt = $conn->prepare($query);
$stmt->bind_param('i', $user_id);
$stmt->execute();
$result = $stmt->get result();
// Fetch all orders
$orders = $result->fetch_all(MYSQLI_ASSOC);
<!DOCTYPE html>
<html lang="en">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Your Orders</title>
  k rel="stylesheet" href="home.css">
  <script defer>
    // Toggle visibility of order items
    function toggleOrderDetails(orderId) {
       const itemsContainer = document.getElementById('order-items-' +
       if (itemsContainer.style.display === 'none') {
         itemsContainer.style.display = 'block';
       } else {
         itemsContainer.style.display = 'none';
    // Confirm order cancellation
    function confirmCancel(orderId) {
       const confirmation = confirm("Are you sure you want to cancel this
       if (confirmation) {
         cancelOrder(orderId);
```

INTERFACE CHANGES





Home Orders Flowers Occasions Combo Sympathy & Funeral Arrangements

Describe the functionality added or Changed

The orders table in the database are fetched to the orders.php. Orders.php displays all the orders made buy the user whether it is pending, cancelled or completed. The view Items button allows the user to see the items that they chose in that specific order.

In the main page you can already access your order history by clicking the "orders" button.

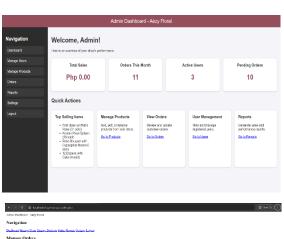
```
// Cancel the order via AJAX
    function cancelOrder(orderId) {
       const xhr = new XMLHttpRequest();
       xhr.open('POST', 'cancel_order.php', true);
       xhr.setRequestHeader('Content-Type', 'application/x-www-form-
urlencoded');
       xhr.onload = function() {
         if (xhr.status === 200) {
            alert(xhr.responseText);
            window.location.reload(); // Reload the page to reflect the status
change
         } else {
            alert('Error occurred. Please try again.');
       xhr.send('order_id=' + orderId);
  </script>
</head>
<body>
  <header>
    <div class="logo">Aèzy Floral</div>
    <!-- Link to home.php -->
<a href="home.php" class="home-link">Back to Home</a>
  </header>
  <h2>Your Order History</h2>
  <!-- Loop through orders -->
  <div class="order-history">
    <?php foreach ($orders as $order): ?>
       <div class="order">
         <div class="order-summary">
            <h3>Order #<?php echo $order['order_id']; ?> - Status: <?php
echo $order['status']; ?></h3>
            Total Amount: Php <?php echo $order['total_amount'];</p>
?>
            Payment Mode: <?php echo ucfirst(str_replace('_', ' ',
$order['payment_mode'])); ?>
            <button onclick="toggleOrderDetails(<?php echo</pre>
$order['order_id']; ?>)">View Items</button>
            <?php if ($order['status'] === 'Pending'): ?>
              <button class="cancel-btn" onclick="confirmCancel(<?php</pre>
echo $order['order_id']; ?>)">Cancel Order</button>
            <?php endif; ?>
         </div>
         <!-- Order Items (hidden by default) -->
         <div id="order-items-<?php echo $order['order_id']; ?>"
class="order-items" style="display: none;">
            <thead>
                Product Id
                   Quantity
                   Price
                </thead>
              <?php
                // Fetch order details based on order_id
$itemQuery = "SELECT product_id, quantity, price FROM order_details WHERE order_id = ?";
                $itemStmt = $conn->prepare($itemQuery);
                $itemStmt->bind_param('i', $order['order_id']); // Use
order_id for fetching details
```

Problem Statement: ADMIN Dashboards – should show the numbers of orders, confirmation of orders, item management.

CODE CHANGES	INTERFACE CHANGES	Describe the functionality added or Changed
//Admin Dashboard query(\$totalSalesQuery); \$totalSalesData = \$resultTotalSalesfetch_assoc(); \$totalSales = \$totalSalesData'(total_sales'); \$totalSalesData'(t		When you logged in as an ADMIN, you'll redirected to the admin homepage/ Dashboard, from that you'll have an access to all the administrative privileges, such as Managing Users, Products and



<div class="dashboard-grid">



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orders, you'll also have an access to the sales report (best selling items and top buying customers), Sales of the month. Now the navigation bar, if an ADMIN click the "orders" button it will redirect you to the manage order page. In this page it shows all the orders, let's you update the status of an order.

```
<div class="dashboard-card stats">
              <h3>Total Sales</h3>
             <h2>Php <?php echo number_format($totalSales, 2); ?></h2>
           <div class="dashboard-card stats">
             <h3>Orders This Month</h3>
              <h2><?php echo $ordersThisMonth; ?></h2>
           </div>
           <div class="dashboard-card stats">
             <h3>Active Users</h3>
             <h2><?php echo $activeUsers; ?></h2>
           </div>
           <div class="dashboard-card stats">
             <a href="https://doi.org/10.1016/j.jps.com/"></a> <a href="https://doi.org/"></a> <a href="https://doi.org/"><a href="https://doi.org/">org/"></a> <a href="https://doi.org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">org/">
          </div>
        </div>
        <!-- Quick Actions Section -->
        <h2>Quick Actions</h2>
        <div class="dashboard-grid">
           <div class="dashboard-card">
              <h3>Top Selling Items</h3>
                 <?php foreach ($topSelling as $item): ?>
                   <?php echo $item['product_name']; ?> (<?php echo
$item['total_sales']; ?> sold)
<?php endforeach; ?>
              </div>
           <div class="dashboard-card">
             <h3>Manage Products</h3>
              Add, edit, or remove products from your store.
             <a href="manage_products.php" class="btn">Go to Products</a>
           </div>
           <div class="dashboard-card">
             <h3>View Orders</h3>
             Review and update customer orders.
              <a href="manage_orders.php" class="btn">Go to Orders</a>
           <div class="dashboard-card">
             <h3>User Management</h3>
              View and manage registered users.
             <a href="manage_users.php" class="btn">Go to Users</a>
           </div>
           <div class="dashboard-card">
              <h3>Reports</h3>
              Generate sales and performance reports.
             <a href="reports.php" class="btn">Go to Reports</a>
           </div>
        </div>
     </div>
   </div>
 </body>
</html>
//Manage_Orders
 <?php
```

```
include('db.php');
include('header.php');
session_start();
// Fetch all orders
$query = "SELECT * FROM orders";
$result = $conn->query($query);
$orders = $result->fetch_all(MYSQLI_ASSOC);
<h2>Manage Orders</h2>
<thead>
  Order ID
   User ID
   Total Amount
   Status
   Actions
  </thead>
 <?php foreach ($orders as $order): ?>
    <?php echo $order['order_id']; ?><?php echo $order['user_id']; ?>
    Php <?php echo number_format($order['total_amount'], 2); ?>
    <?php echo $order['status']; ?>
     <form method="POST" action="update_order_status.php">
<input type="hidden" name="order_id" value="<?php echo
$order['order_id']; ?>">
       <select name="status">
       <option value="Pending" <?php echo $order['status'] === 'Pending'</pre>
<option value="Cancelled" <?php echo $order['status'] ===</pre>
'Cancelled' ? 'selected' : "; ?>>Cancelled</option>
       </select>
       <button type="submit">Update</button>
      </form>
    <?php endforeach; ?>
```