**Assignment-8**

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1. **fields[itemID, itemName, itemQuantity] Write a PHP script to add and display the items.**

**Code:**

<!DOCTYPE html>

<html>

<head>

<title>Shopping Application</title>

<style>

/\* Add styles for buttons \*/

.action-button {

background-color: #4CAF50;

color: white;

border: none;

padding: 10px 20px;

text-align: center;

text-decoration: none;

display: inline-block;

font-size: 16px;

margin: 4px 2px;

cursor: pointer;

}

</style>

</head>

<body>

<h2>Add Item</h2>

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

Item Name: <input type="text" name="itemName" required>

Quantity: <input type="number" name="itemQuantity" required>

<button type="submit" name="add\_item" class="action-button" style="background-color: #4CAF50;">Add</button>

</form>

<h2>Update Item</h2>

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

Item ID: <input type="number" name="itemID" required>

New Item Name: <input type="text" name="newItemName" required>

New Quantity: <input type="number" name="newItemQuantity" required>

<button type="submit" name="update\_item" class="action-button" style="background-color: #008CBA;">Update</button>

</form>

<h2>Delete Item</h2>

<form action="<?php echo $\_SERVER['PHP\_SELF']; ?>" method="POST">

Item ID: <input type="number" name="itemID" required>

<button type="submit" name="delete\_item" class="action-button" style="background-color: #f44336;">Delete</button>

</form>

<h2>Items</h2>

<table border="1">

<tr>

<th>Item ID</th>

<th>Item Name</th>

<th>Quantity</th>

</tr>

<?php

// PHP code for CRUD operations and displaying items goes here

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "shopping\_app";

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

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

if (isset($\_POST['add\_item'])) {

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

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

$sql = "INSERT INTO items (itemName, itemQuantity) VALUES ('$itemName', '$itemQuantity')";

$conn->query($sql);

} elseif (isset($\_POST['update\_item'])) {

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

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

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

$sql = "UPDATE items SET itemName='$newItemName', itemQuantity='$newItemQuantity' WHERE itemID=$itemID";

$conn->query($sql);

} elseif (isset($\_POST['delete\_item'])) {

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

$sql = "DELETE FROM items WHERE itemID=$itemID";

$conn->query($sql);

}

}

$sql = "SELECT \* FROM items";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

while ($row = $result->fetch\_assoc()) {

echo "<tr>";

echo "<td>" . $row['itemID'] . "</td>";

echo "<td>" . $row['itemName'] . "</td>";

echo "<td>" . $row['itemQuantity'] . "</td>";

echo "</tr>";

}

} else {

echo "<tr><td colspan='3'>No items available</td></tr>";

}

$conn->close();

?>

</table>

</body>

</html>

**Output:**









