

PHP-MySQL-CRUD-SimpleAll

MUIT

Table of Contents

- [PHP-MySQL-CRUD-SimpleAll](#)
 - [PHP Connect to MySQL\(PDO\)](#)
 - [customer list](#)
 - [customer details](#)
 - [customer new](#)
 - [customer new db](#)
 - [customer edit](#)
 - [customer edit db](#)
 - [customer delete](#)
 - [customer delete db](#)
 - [product list](#)
 - [product details](#)
 - [product new](#)
 - [product new db](#)
 - [product edit](#)
 - [product edit db](#)
 - [product delete](#)
 - [product delete db \[Pseudo\]](#)
 - [Category List](#)
 - [Category Details](#)
 - [Category New](#)
 - [Category New db](#)
 - [Category Edit](#)
 - [Category Edit db](#)
 - [Category Delete](#)
 - [Category Delete db](#)
 - [Document](#)
 - [Reference](#)

PHP Connect to MySQL(PDO)

db-config.php

```
<?php
// w3 MySQL Connect PDO

$servername = "localhost";
$username = "root";
$password = "";
$db_name = "northwind_t";
```

```

try {
    $conn = new PDO("mysql:host=$servername;dbname=$db_name", $username,
$password);
    // set the PDO error mode to exception
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    // echo "Connected successfully";
} catch(PDOException $e) {
    echo "Connection failed: " . $e->getMessage();
}

?>

```

customer list

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-Simple
    customer_list.php
    Teeratus_R
    Edit : 20230109
    */
    session_start();
    require_once "../config/db-config.php";

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="shortcut icon" href="../webcomponents/favicon.ico"
type="image/x-icon">
    <link rel="stylesheet" href="../bootstrap/bootstrap.min.css">
    <style>
        thead {
            background-color: #ffc;
        }
    </style>

</head>
<body>

    <h4>Template Filename : customer_list.php</h4>
    <p>05.5050-PHP-MySQL-CRUD-Simple</p>
    <?php
        print_r($_POST);

```

```

        echo "<hr>";
        print_r($_GET);
        echo "<hr>";
        print_r($_SESSION);
        echo "<hr>";
    ?>

<?php
    if (isset($_SESSION['error'])) {
    ?>
        <div class="alert alert-danger" role="alert">
            <?php
                echo $_SESSION['error'];
                unset($_SESSION['error']);
            ?>
        </div>
    <?php
    }
    ?>
    <?php
        if (isset($_SESSION['success'])) {
    ?>
            <div class="alert alert-success" role="alert">
                <?php
                    echo $_SESSION['success'];
                    unset($_SESSION['success']);
                ?>
            </div>
        <?php
        }
    ?>

    <div class="d-flex gap-3 justify-content-start mb-3">
        <a href="index.php" class="btn btn-primary">Home</a>
        <a href="customer_new.php" class="btn btn-primary">New</a>
        <a href="customer_list.php" class="btn btn-success">List</a>
        <!-- <a href="customer_edit.php" class="btn btn-warning
disabled">Edit</a> -->
    </div>

    <table class="table table-striped table-bordered table-hover">
        <thead>
            <th>CustomerCode1</th>
            <th>CompanyName2</th>
            <th>ContactName</th>
            <th>Address</th>
            <th>City</th>
            <th>Action</th>
            <th>CustomerID</th>
        </thead>
        <tbody>
            <?php
                $sql_customer =
                "SELECT

```

```

        CustomerID,
        CustomerCode,
        CompanyName,
        ContactName,
        Address,
        City
    FROM Customers
    ORDER BY CustomerCode ASC
    ";
    $stmt = $conn->query($sql_customer);
    $stmt->execute();
    $customer_s = $stmt->fetchAll();
    if (!$customer_s) {
        echo "<tr><td colspan='7' class='text-center'>No data
found</td></tr>";
    } else {
        foreach ($customer_s as $customer_data) {
            ?>
            <tr>
                <td><?=$customer_data['CustomerCode'];?></td>
                <td><?=$customer_data['CompanyName'];?></td>
                <td><?=$customer_data['ContactName'];?></td>
                <td><?=$customer_data['Address'];?></td>
                <td><?=$customer_data['City'];?></td>
                <td><a href="./customer_details.php?CustomerID=?
=$customer_data['CustomerID'];?>" class="btn btn-warning">Details</a></td>
                <td><?=$customer_data['CustomerID'];?></td>
            </tr>
            <?php
        }
    }
    ?>
</tbody>
</table>

<script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>
</html>

```

customer details

customer_details.php

```

<?php
    /*
    customer_details.php
    Teeratus_R
    */
    session_start();
    require_once "../../config/db-config.php";

```

```
$CustomerID = $_GET['CustomerID'];

?>

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>N-Delete</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">
    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";

      $sql_cust =
      "SELECT
      CustomerCode,
      CompanyName,
      ContactName,
      Address,
      City
      FROM Customers
      WHERE CustomerID = $CustomerID
      ";
      $stmt = $conn->prepare($sql_cust);
      $stmt->execute();
      $Customer_data = $stmt->fetch(PDO::FETCH_ASSOC);

      // $CustomerID           =
      $Customer_data['CustomerID'];
      $CustomerCode           =
      $Customer_data['CustomerCode'];
      $CompanyName             = $Customer_data['CompanyName'];
      $ContactName             = $Customer_data['ContactName'];
      // $x                     = $Customer_data['x'];
    ?>
  </div>
</body>
</html>
```

```

        <h2 class="text-danger">Delete Customer ?</h2>

        <div class="d-flex gap-3 justify-content-start">
            <!-- <a href="customer_list.php" class="btn btn-
primary">List</a> -->
        </div>

        <div class="row">
            <div class="border col-sm-6 ">
                <form action="customer_delete_db.php" method="post">
                    <div class="mb-3">
                        <label for="CustomerCode" class="form-
label">CustomerCode</label>
                        <input type="text" class="form-control"
name="CustomerCode" value="<?=$CustomerCode?>">
                    </div>
                    <div class="mb-3">
                        <label for="CompanyName" class="form-
label">CompanyName</label>
                        <input type="text" class="form-control"
name="CompanyName" value="<?=$CompanyName?>">
                    </div>
                    <div class="mb-3">
                        <label for="ContactName" class="form-
label">ContactName</label>
                        <input type="text" class="form-control"
name="ContactName" value="<?=$ContactName?>">
                    </div>
                    <div class="mb-3">
                        <label for="CustomerID" class="form-
label">CustomerID</label>
                        <input type="text" class="form-control"
name="CustomerID" value="<?=$CustomerID?>">
                    </div>

                    <div class="d-flex gap-2 justify-content-start mb-
3">
                        <button type="submit" class="btn btn-
danger">Confirm</button>
                        <a href="./customer_details.php?CustomerID=<?
=$CustomerID?>" class="btn btn-secondary">Cancel</a>
                    </div>
                </form>
            </div>
        </div>
    </div>

```

```
        <script src="../../bootstrap/bootstrap.bundle.min.js"></script>
    </body>

</html>
```

customer new

customer_new.php

```
<?php
    /*
    05.5050-PHP-MySQL-CRUD-Simple
    customer_new.php
    Teeratus_R
    Edit : 20221229
    */
    session_start();
    require_once "../../config/db-config.php";

    // $CustomerID = $_GET['CustomerID'];

?>

<!DOCTYPE html>
<html lang="en">

    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-
scale=1.0">
        <title>N-Details</title>
        <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
        <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
    </head>

    <body>
        <div class="container">

            <h2>Template Filename : Create New Customer</h2>

            <?php
                print_r($_POST);
                echo "<hr>";
                print_r($_GET);
                echo "<hr>";
                print_r($_SESSION);
                echo "<hr>";
            ?>
```

```

        <div class="d-flex gap-3 justify-content-start">
            <!-- <a href="customer_list.php" class="btn btn-
primary">List</a> -->
        </div>

        <div class="row">
            <div class="border col-sm-6 ">
                <form action="customer_new_db.php" method="post">
                    <div class="mb-3">
                        <label for="CustomerCode" class="form-
label">CustomerCode</label>
                        <input type="text" class="form-control"
name="CustomerCode" required>
                    </div>
                    <div class="mb-3">
                        <label for="CompanyName" class="form-
label">CompanyName</label>
                        <input type="text" class="form-control"
name="CompanyName" required>
                    </div>
                    <div class="mb-3">
                        <label for="ContactName" class="form-
label">ContactName</label>
                        <input type="text" class="form-control"
name="ContactName">
                    </div>

                    <div class="d-flex gap-2 justify-content-end mb-
3">
                        <button type="submit" class="btn btn-
primary">Submit</button>
                        <a href="./customer_list.php" class="btn btn-
secondary">Cancel</a>
                    </div>

                </form>
            </div>
            <!-- class="row" -->
        </div>

    </div>
    <script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>

</html>

```

customer new db

customer_new_db.php


```
<?php
/*
05.5050-PHP-MySQL-CRUD-Simple
customer_new_db.php
Teeratus_R
Edit : 20221229
*/
session_start();
require_once '../config/db-config.php';

$CustomerCodeRaw = trim($_POST['CustomerCode']);
$CustomerCode = strtoupper($CustomerCodeRaw);
$CompanyName = $_POST['CompanyName'];
$ContactName = $_POST['ContactName'];
$Address = $_POST['Address'];
$City = $_POST['City'];
// $x = $_POST['x'];

try {
    $sql_cust = "INSERT INTO Customers
(CustomerCode, CompanyName, ContactName)
VALUES
(
    '$CustomerCode',
    '$CompanyName',
    '$ContactName'
    -- '$Address',
    -- '$City'
)";
    $conn->exec($sql_cust);
    $last_id = $conn->lastInsertId();
    $conn = null;
    $_SESSION['success'] = "Data has been updated successfully";
    // header("location: ./customer_list.php");
    header("location: ./customer_details.php?CustomerID={$last_id}");
} catch(PDOException $e) {
    // echo $sql . "<br>" . $e->getMessage();

    $_SESSION['error'] = "Data has not been updated successfully" . $e-
>getMessage();
    header("location: ./customer_list.php");
}

?>
```

customer edit

customer_edit.php

```
<?php
    /*
    05.5050-PHP-MySQL-CRUD-Simple
    customer_edit.php
    Teeratus_R
    Edit : 20230109
    */
    session_start();
    require_once "../config/db-config.php";
    $CustomerID = $_GET['CustomerID'];

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>N-Details</title>
    <link rel="shortcut icon" href="../webcomponents/favicon.ico"
type="image/x-icon">
    <link rel="stylesheet" href="../bootstrap/bootstrap.min.css">
</head>

<body>
    <div class="container">
        <?php
            print_r($_POST);
            echo "<hr>";
            print_r($_GET);
            echo "<hr>";
            print_r($_SESSION);
            echo "<hr>";
        ?>

        <h2>Edit Customer</h2>

        <?php
            $sql_customer =
            "SELECT
            CustomerID,
            CustomerCode,
            CompanyName,
            ContactName,
            Address,
            City
            FROM Customers
            WHERE CustomerID = $CustomerID
            ";
            $stmt = $conn->query($sql_customer);
```

```
        $stmt->execute();
        $customer = $stmt->fetch();

        $CustomerCode = $customer['CustomerCode'];
        $CompanyName = $customer['CompanyName'];
        $ContactName = $customer['ContactName'];
        $Address = $customer['Address'];
        $City = $customer['City'];
    ?>

    <div class="d-flex gap-3 justify-content-start mb-3">
        <a href="customer_list.php" class="btn btn-
primary">List</a>
    </div>

    <div class="row">
        <div class="border col-sm-6">
            <form action="customer_edit_db.php" method="post">
                <input type="hidden" name="CustomerID" value="
<?=$CustomerID?>">
                <div class="mb-3">
                    <label for="CustomerCode" class="form-
label">CustomerCode</label>
                    <input type="text" class="form-control"
name="CustomerCode" value="<?=$CustomerCode?>">
                </div>
                <div class="mb-3">
                    <label for="CompanyName" class="form-
label">CompanyName</label>
                    <input type="text" class="form-control"
name="CompanyName" value="<?=$CompanyName?>">
                </div>
                <div class="mb-3">
                    <label for="ContactName" class="form-
label">ContactName</label>
                    <input type="text" class="form-control"
name="ContactName" value="<?=$ContactName?>">
                </div>
                <div class="mb-3">
                    <label for="Address" class="form-
label">Address</label>
                    <input type="text" class="form-control"
name="Address" value="<?=$Address?>">
                </div>
                <div class="mb-3">
                    <label for="City" class="form-
label">City</label>
                    <input type="text" class="form-control"
name="City" value="<?=$City?>">
                </div>

            <div class="d-flex gap-2 justify-content-end
```

```

mb-3">
                                <button type="submit" class="btn btn-
primary">Submit</button>
                                <a href="./customer_details.php?
CustomerID=<?=$CustomerID?>" class="btn btn-secondary">Cancel</a>
                                </div>
                                </form>
                                </div>
                                </div>

                                <script src="../../bootstrap/bootstrap.bundle.min.js">
</script>
                                </div>
                                </body>

                                </html>

```

customer edit db

customer_edit_db.php

```

<?php
/*
05.5050-PHP-MySQL-CRUD-Simple
customer_edit_db.php
Teeratus_R
Edit : 20230109
*/

session_start();
require_once "../../config/db-config.php";

$CustomerID = $_POST['CustomerID'];
$CustomerCodeRaw = trim($_POST['CustomerCode']);
$CustomerCode = strtoupper($CustomerCodeRaw);
$CompanyName = $_POST['CompanyName'];
$ContactName = $_POST['ContactName'];
$Address = $_POST['Address'];
$City = $_POST['City'];

// try {
//     // Prepare statement
//     $stmt = $conn->prepare($sql_customer);
//     // execute the query
//     $stmt->execute();
//     echo $stmt->rowCount() . " records UPDATED successfully";
// } catch (PDOException $e) {
//     echo $sql_customer . "<br>" . $e->getMessage();

```

```

// }

try {
    $sql_customer = "UPDATE Customers
SET
    CustomerCode = '$CustomerCode',
    CompanyName = '$CompanyName',
    ContactName = '$ContactName',
    Address = '$Address',
    City = '$City'

WHERE CustomerID = '$CustomerID'";
    $stmt = $conn->prepare($sql_customer);
    $stmt->execute();
    $conn = null;
    $_SESSION['success'] = "Data has been updated successfully";
    header("location: ./customer_details.php?CustomerID=
{$CustomerID}");

} catch(PDOException $e) {
    // echo $sql . "<br>" . $e->getMessage();

    $_SESSION['error'] = "Data has not been updated successfully". $e-
>getMessage();
    header("location: ./customer_list.php");
}

// header("location: ./manage_customer.php?CustomerID={$CustomerID}");

?>

```

customer delete

customer_delete.php

```

<?php
    /*
    customer_delete.php
    Teeratus_R
    */
    session_start();
    require_once "../../config/db-config.php";

    $CustomerID = $_GET['CustomerID'];

?>

<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>N-Delete</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">
    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";

      $sql_cust =
      "SELECT
      CustomerCode,
      CompanyName,
      ContactName,
      Address,
      City
      FROM Customers
      WHERE CustomerID = $CustomerID
      ";
      $stmt = $conn->prepare($sql_cust);
      $stmt->execute();
      $Customer_data = $stmt->fetch(PDO::FETCH_ASSOC);

      // $CustomerID          =
$Customer_data['CustomerID'];
      $CustomerCode          =
$Customer_data['CustomerCode'];
      $CompanyName           = $Customer_data['CompanyName'];
      $ContactName           = $Customer_data['ContactName'];
      // $x                   = $Customer_data['x'];
    ?>

    <h2 class="text-danger">Delete Customer ?</h2>

    <div class="d-flex gap-3 justify-content-start">
      <!-- <a href="customer_list.php" class="btn btn-
primary">List</a> -->
    </div>

    <div class="row">
      <div class="border col-sm-6 ">
        <form action="customer_delete_db.php" method="post">

```

```

        <div class="mb-3">
            <label for="CustomerCode" class="form-
label">CustomerCode</label>
            <input type="text" class="form-control"
name="CustomerCode" value="<?=$CustomerCode?>">
        </div>
        <div class="mb-3">
            <label for="CompanyName" class="form-
label">CompanyName</label>
            <input type="text" class="form-control"
name="CompanyName" value="<?=$CompanyName?>">
        </div>
        <div class="mb-3">
            <label for="ContactName" class="form-
label">ContactName</label>
            <input type="text" class="form-control"
name="ContactName" value="<?=$ContactName?>">
        </div>
        <div class="mb-3">
            <label for="CustomerID" class="form-
label">CustomerID</label>
            <input type="text" class="form-control"
name="CustomerID" value="<?=$CustomerID?>">
        </div>

        <div class="d-flex gap-2 justify-content-start mb-
3">
            <button type="submit" class="btn btn-
danger">Confirm</button>
            <a href="./customer_details.php?CustomerID=<?
=$CustomerID?>" class="btn btn-secondary">Cancel</a>

        </div>
    </form>
</div>

</div>
<script src="../../../bootstrap/bootstrap.bundle.min.js"></script>
</body>

</html>

```

customer delete db

customer_delete_db.php

```

<?php
// customer_delete_db.php
session_start();

```

```
require_once "../..../config/db-config.php";

$CustomerID = $_POST['CustomerID'];
// $CustomerID = 97;

// $x = $_POST['x'];
print_r($CustomerID);

try {

    // sql to delete a record
    $sql_cust = "DELETE FROM Customers
    WHERE CustomerID = $CustomerID
    ";
    // use exec() because no results are returned
    $conn->exec($sql_cust);
    $conn = null;

    $_SESSION['success'] = "Data has been updated succesfully";
    header("location: ./customer_list.php");
    // echo "Record deleted successfully";
} catch(PDOException $e) {
    // echo $sql_cust . "<br>" . $e->getMessage();

    $_SESSION['error'] = "Data has not been updated succesfully";
    header("location: ./customer_list.php");
    // header("location: ./customer_list.php?id=
    {$service_orders_id}");

}

?>
```

product list

product_list.php

```
<?php
/*
05.5050-PHP-MySQL-CRUD-SimpleAll
product_list.php
Teeratus_R
Edit : 20230110
*/
session_start();
require_once "../..../config/db-config.php";

?>
```



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
  <style>
    thead {
      background-color: #ffc;
    }
  </style>
</head>
<body>

  <h4>Template Filename : product_list.php</h4>
  <p>05.5050-PHP-MySQL-CRUD-SimpleAll</p>
  <?php
    print_r($_POST);
    echo "<hr>";
    print_r($_GET);
    echo "<hr>";
    print_r($_SESSION);
    echo "<hr>";
  ?>

  <?php
    if (isset($_SESSION['error'])) {
  ?>
    <div class="alert alert-danger" role="alert">
      <?php
        echo $_SESSION['error'];
        unset($_SESSION['error']);
      ?>
    </div>
  <?php
  }
  ?>
  <?php
    if (isset($_SESSION['success'])) {
  ?>
    <div class="alert alert-success" role="alert">
      <?php
        echo $_SESSION['success'];
        unset($_SESSION['success']);
      ?>
    </div>
  <?php
  }
  ?>
```

```

<div class="d-flex gap-3 justify-content-start mb-3">
  <a href="index.php" class="btn btn-primary">Home</a>
  <a href="product_new.php" class="btn btn-primary">New</a>
  <a href="product_list.php" class="btn btn-success">List</a>
  <!-- <a href="product_edit.php" class="btn btn-warning
disabled">Edit</a> -->
</div>

<table class="table table-striped table-bordered table-hover">
  <thead>
    <th>ProductName</th>
    <th>SupplierID</th>
    <th>SupplierName</th>
    <th>CategoryID</th>
    <th>CategoryName</th>
    <th>QuantityPerUnit</th>
    <th>UnitPrice</th>
    <th>UnitInstock</th>
    <th>Action</th>
    <th>ProductID</th>
  </thead>
  <tbody>
    <?php
      $sql_product =
      "SELECT
      ProductID,
      ProductName,
      Products.SupplierID,
      Suppliers.CompanyName,
      Products.CategoryID,
      Categories.CategoryName,
      QuantityPerUnit,
      UnitPrice,
      UnitsInStock
      FROM Products
      LEFT JOIN Suppliers
      ON Products.SupplierID = Suppliers.SupplierID
      LEFT JOIN Categories
      ON Products.CategoryID = Categories.CategoryID

      WHERE Discontinued != 1

      ORDER BY ProductID ASC
      ";
      $stmt = $conn->query($sql_product);
      $stmt->execute();
      $array_product = $stmt->fetchAll();
      if (!$array_product) {
        echo "<tr><td colspan='8' class='text-center'>No data
found</td></tr>";
      } else {
        foreach ($array_product as $product_data) {
?>

```

```

        <tr>
            <td><?=$product_data['ProductName'];?></td>

            <td><?=$product_data['SupplierID'];?></td>
            <td><?=$product_data['CompanyName'];?></td>
            <td><?=$product_data['CategoryID'];?></td>
            <td><?=$product_data['CategoryName'];?></td>
            <td><?=$product_data['QuantityPerUnit'];?></td>
            <td><?=$product_data['UnitPrice'];?></td>
            <td><?=$product_data['UnitsInStock'];?></td>
            <td><a href="./product_details.php?ProductID=?
=$product_data['ProductID'];?>" class="btn btn-warning">Details</a></td>
            <td><?=$product_data['ProductID'];?></td>
        </tr>
    <?php
    }
    }
    ?>
</tbody>
</table>

<script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>
</html>

```

product details

product_details.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-SimpleAll
    product_details.php
    Teeratus_R
    Edit : 20230111
    */
    session_start();
    require_once "../../config/db-config.php";

    $ProductID = $_GET['ProductID'];

    ?>

    <!DOCTYPE html>
    <html lang="en">

    <head>
        <meta charset="UTF-8">

```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Details</title>
<link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
<link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">
    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";
    ?>

    <h2>Details</h2>

    <?php
      if (isset($_SESSION['error'])) {
    ?>
      <div class="alert alert-danger" role="alert">
        <?php
          echo $_SESSION['error'];
          unset($_SESSION['error']);
        ?>
      </div>
    <?php
      }
    ?>
    <?php
      if (isset($_SESSION['success'])) {
    ?>
      <div class="alert alert-success" role="alert">
        <?php
          echo $_SESSION['success'];
          unset($_SESSION['success']);
        ?>
      </div>
    <?php
      }
    ?>

    <?php
      $sql_product =
      "SELECT
      ProductID,
      ProductName,
      Products.SupplierID,
      Suppliers.CompanyName,
```

```

        Products.CategoryID,
        Categories.CategoryName,
        QuantityPerUnit, UnitPrice, UnitsInStock,
        UnitsOnOrder, ReorderLevel, Discontinued
    FROM Products
    LEFT JOIN Suppliers
    ON Products.SupplierID = Suppliers.SupplierID
    LEFT JOIN Categories
    ON Products.CategoryID = Categories.CategoryID
    WHERE ProductID = '$ProductID'
    ";
    $stmt = $conn->query($sql_product);
    $stmt->execute();
    $product = $stmt->fetch();

    // $ProductID = $product['ProductID'];
    $ProductName = $product['ProductName'];
    $SupplierID = $product['SupplierID'];
    $CompanyName = $product['CompanyName'];

    $CategoryID = $product['CategoryID'];
    $CategoryName = $product['CategoryName'];

    $QuantityPerUnit = $product['QuantityPerUnit'];
    $UnitPrice = $product['UnitPrice'];
    $UnitsInStock = $product['UnitsInStock'];
    $UnitsOnOrder = $product['UnitsOnOrder'];
    $ReorderLevel = $product['ReorderLevel'];
    $Discontinued = $product['Discontinued'];

    ?>

    <div class="d-flex gap-2 justify-content-start">
        <a href="index.php" class="btn btn-primary">Home</a>
        <a href="product_new.php" class="btn btn-primary">New</a>
        <a href="product_list.php" class="btn btn-
success">List</a>
        <a href="product_edit.php?ProductID=<?=$ProductID?>"
class="btn btn-warning">Edit</a>
        <a href="product_delete.php?ProductID=<?=$ProductID?>"
class="btn btn-danger">Delete</a>
    </div>

    <form action="" method="post">
        <!-- ProductName ProductID -->
        <div class="row">
            <div class="col-lg-10 col-sm-12">
                <label for="ProductName" class="form-
label">ProductName</label>
                <input type="text" class="form-control"
name="ProductName" value="<?=$ProductName;?>">
            </div>

```

```

        <div class="col-lg-2 col-sm-12">
            <label for="ProductID" class="form-
label">ProductID</label>
                <input type="text" class="form-control"
name="ProductID" value="<?=$ProductID;?>">
            </div>
        </div>
        <!-- /ProductName ProductID -->

        <!-- SupplierID CategoryID -->
        <div class="row">
            <div class="col-lg-2 col-sm-12">
                <label for="SupplierID" class="form-
label">SupplierID</label>
                    <input type="text" class="form-control"
name="SupplierID" value="<?=$SupplierID;?>">
                </div>
            <div class="col-lg-4 col-sm-12">
                <label for="CompanyName" class="form-
label">CompanyName</label>
                    <input type="text" class="form-control"
name="CompanyName" value="<?=$CompanyName;?>">
                </div>
            <div class="col-lg-2 col-sm-12">
                <label for="CategoryID" class="form-
label">CategoryID</label>
                    <input type="text" class="form-control"
name="CategoryID" value="<?=$CategoryID;?>">
                </div>
            <div class="col-lg-4 col-sm-12">
                <label for="CategoryName" class="form-
label">CategoryName</label>
                    <input type="text" class="form-control"
name="CategoryName" value="<?=$CategoryName;?>">
                </div>
            </div>
        <!-- /SupplierID CategoryID -->

        <!-- QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->
        <div class="row">
            <div class="col-lg-3 col-sm-12">
                <label for="QuantityPerUnit" class="form-
label">QuantityPerUnit</label>
                    <input type="text" class="form-control"
name="QuantityPerUnit" value="<?=$QuantityPerUnit;?>">
                </div>
            <div class="col-lg-2 col-sm-12">
                <label for="UnitPrice" class="form-
label">UnitPrice</label>
                    <input type="text" class="form-control"
name="UnitPrice" value="<?=$UnitPrice;?>">
                </div>
            <div class="col-lg-2 col-sm-12">

```

```

        <label for="UnitsInStock" class="form-
label">UnitsInStock</label>
        <input type="text" class="form-control"
name="UnitsInStock" value="<?=$UnitsInStock;?>">
        </div>
        <div class="col-lg-2 col-sm-12">
            <label for="UnitsOnOrder" class="form-
label">UnitsOnOrder</label>
            <input type="text" class="form-control"
name="UnitsOnOrder" value="<?=$UnitsOnOrder;?>">
            </div>
            <div class="col-lg-2 col-sm-12">
                <label for="ReorderLevel" class="form-
label">ReorderLevel</label>
                <input type="text" class="form-control"
name="ReorderLevel" value="<?=$ReorderLevel;?>">
                </div>
                <div class="col-lg-1 col-sm-12">
                    <label for="Discontinued" class="form-
label">Discontinued</label>
                    <input type="text" class="form-control"
name="Discontinued" value="<?=$Discontinued;?>">
                    </div>
                </div>
                <!-- /QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->

                <div class="d-flex gap-2 justify-content-end">
                    <!-- <a href="product_edit_db.php?ProductID=<?
=$ProductID?>" class="btn btn-warning">Update</a> -->
                    <!-- <a href="product_details.php?ProductID=<?
=$ProductID?>" class="btn btn-warning">Cancel</a> -->
                </div>
            </form>

            <script src="../../../bootstrap/bootstrap.bundle.min.js">
</script>
        </div>
    </body>

</html>

```

product new

product_new.php

```

<?php
/*
05.5050-PHP-MySQL-CRUD-Simple
product_new.php

```

```

Teeratus_R
Edit : 20221229
*/
session_start();
require_once "../config/db-config.php";

// $ProductID = $_GET['ProductID'];

?>

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>N-Details</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">

    <h2>Template Filename : Create New Product</h2>

    <div class="d-flex gap-2 justify-content-start">
      <a href="index.php" class="btn btn-primary">Home</a>
      <a href="product_new.php" class="btn btn-primary">New</a>
      <a href="product_list.php" class="btn btn-
success">List</a>
      <!-- <a href="product_edit.php?ProductID=<?=$ProductID?"
class="btn btn-warning">Edit</a> -->
      <!-- <a href="product_delete.php?ProductID=<?=$ProductID?
"> class="btn btn-danger">Delete</a> -->
    </div>

    <div class="row">
      <form action="product_new_db.php" method="post">
        <!-- ProductName ProductID -->
        <div class="row">
          <div class="col-lg-10 col-sm-12">
            <label for="ProductName" class="form-
label">ProductName</label>
            <input type="text" class="form-control"
name="ProductName" required>
          </div>
          <!-- <div class="col-lg-2 col-sm-12">
            <label for="ProductID" class="form-
label">ProductID</label>

```



```

        <input type="text" class="form-control"
name="ProductID">
        </div> -->
    </div>
    <!-- /ProductName ProductID -->

    <!-- SupplierID CategoryID -->
    <div class="row">
        <div class="col-lg-6 col-sm-12">
            <label for="SupplierID" class="form-
label">SupplierID - CompanyName</label>
            <!-- <input type="text" class="form-control"
name="SupplierID" value="<?=$SupplierID;?>" -->
            <select name="SupplierID" class="form-select"
required>

                <option>
                    Select Supplier
                </option>
                <?php
                    // SQL for new select data
                    $sql_suppliers = "SELECT SupplierID,
CompanyName

                    FROM Suppliers
                    ORDER BY CompanyName ASC
                    ";

                    $stmt = $conn->query($sql_suppliers);
                    $stmt->execute();
                    $SupplierQuery = $stmt->fetchAll();

                    foreach ($SupplierQuery as
$SupplierResult) {
                        ?>

                        <option value="<?php echo
$SupplierResult['SupplierID'];?>">
                            <?php echo
$SupplierResult['SupplierID'];?>
                            <?php echo
$SupplierResult['CompanyName'];?>
                        </option>

                        <?php
                            }
                        ?>

                    </select>
                </div>

                <div class="col-lg-6 col-sm-12">
                    <label for="CategoryID" class="form-
label">CategoryID - CategoryName</label>
                    <select name="CategoryID" class="form-control

```

```

form-select">
        <option>
            Select Category
        </option>

        <?php
            // SQL for new select data
            $sql_Category = "SELECT CategoryID,
CategoryName
            FROM Categories
            ORDER BY CategoryName ASC
            ;";

            $stmt = $conn->query($sql_Category);
            $stmt->execute();
            $CategoryQuery = $stmt->fetchAll();

            foreach ($CategoryQuery as
$CategoryResult) {
                ?>

                <option value="<?php echo
$CategoryResult['CategoryID'];?>">
                    <?php echo
$CategoryResult['CategoryID'];?>
                    <?php echo
$CategoryResult['CategoryName'];?>
                </option>

                <?php
                }
                ?>

            </select>
        </div>

    </div>
    <!-- /SupplierID CategoryID -->

    <!-- QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->
    <div class="row">
        <div class="col-lg-3 col-sm-12">
            <label for="QuantityPerUnit" class="form-
label">QuantityPerUnit</label>
            <input type="text" class="form-control"
name="QuantityPerUnit">
        </div>
        <div class="col-lg-2 col-sm-12">
            <label for="UnitPrice" class="form-
label">UnitPrice</label>
            <input type="number" class="form-control"
name="UnitPrice" required>

```

```

        </div>
        <div class="col-lg-2 col-sm-12">
            <label for="UnitsInStock" class="form-
label">UnitsInStock</label>
            <input type="number" class="form-control"
name="UnitsInStock" required placeholder="ถ้าไม่ทราบใส่ 0">
        </div>
        <div class="col-lg-2 col-sm-12">
            <label for="UnitsOnOrder" class="form-
label">UnitsOnOrder</label>
            <input type="number" class="form-control"
name="UnitsOnOrder" required placeholder="ถ้าไม่ทราบใส่ 0">
        </div>
        <div class="col-lg-2 col-sm-12">
            <label for="ReorderLevel" class="form-
label">ReorderLevel</label>
            <input type="number" class="form-control"
name="ReorderLevel" required placeholder="ถ้าไม่ทราบใส่ 0">
        </div>
    </div>
    <div class="row">
        <div class="col-lg-3 col-sm-12">
            <label for="Discontinued" class="form-
label">Discontinued</label>
            <select name="Discontinued" class="form-
control form-select">
                <option value="0">Active</option>
                <option value="1">Discontinued</option>
            </select>
        </div>
    </div>
    <!-- /QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->

    <div class="d-flex gap-2 justify-content-end m-3">
        <button type="submit" class="btn btn-
success">Update</button>
        <a href="product_details.php?ProductID=?
=$ProductID?" class="btn btn-secondary">Cancel</a>
    </div>
</form>
<!-- /class="row" -->
</div>

</div>
<script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>

</html>

```

product new db

product_new_db.php

```
<?php
/*
05.5050-PHP-MySQL-CRUD-Simple
product_new_db.php
Teeratus_R
Edit : 20230111
*/

session_start();
require_once "../config/db-config.php";

$productID = $_POST['ProductID'];

$productName = $_POST['ProductName'];
$supplierID = $_POST['SupplierID'];
$categoryID = $_POST['CategoryID'];
$quantityPerUnit = $_POST['QuantityPerUnit'];
$unitPrice = $_POST['UnitPrice'];
$unitsInStock = $_POST['UnitsInStock'];
$unitsOnOrder = $_POST['UnitsOnOrder'];
$reorderLevel = $_POST['ReorderLevel'];
$discontinued = $_POST['Discontinued'];

try {
    $sql_product = "INSERT INTO Products
        (
            ProductName,
            SupplierID,
            CategoryID,
            QuantityPerUnit,
            UnitPrice,
            UnitsInStock,
            UnitsOnOrder,
            ReorderLevel,
            Discontinued
        )
        VALUE
        (
            '$productName',
            '$supplierID',
            '$categoryID',
            '$quantityPerUnit',
            '$unitPrice',
            '$unitsInStock',
            '$unitsOnOrder',
            '$reorderLevel',
            '$discontinued'
        )
    ";
}
```

```

        ;";

        $conn->exec($sql_product);
        $last_id = $conn->lastInsertId();
        $conn = null;

        $_SESSION['success'] = "Data has been updated successfully";
        header("location: ./product_details.php?ProductID={$last_id}");

    } catch(PDOException $e) {
        // echo $sql . "<br>" . $e->getMessage();

        $_SESSION['error'] = "Data has not been updated successfully". $e-
>getMessage();
        header("location: ./product_list.php");
    }

    // header("location: ./manage_product.php?ProductID={$ProductID}");

?>

```

product edit

product_edit.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-SimpleAll
    product_edit.php
    Teeratus_R
    Edit : 20230111
    */
    session_start();
    require_once "../config/db-config.php";

    $ProductID = $_GET['ProductID'];

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Edit</title>
    <link rel="shortcut icon" href="../webcomponents/favicon.ico"
type="image/x-icon">

```

```
<link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">
    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";
    ?>

    <h2>Edit</h2>

    <?php
      if (isset($_SESSION['error'])) {
    ?>
      <div class="alert alert-danger" role="alert">
        <?php
          echo $_SESSION['error'];
          unset($_SESSION['error']);
        ?>
      </div>
    <?php
      }
    ?>
    <?php
      if (isset($_SESSION['success'])) {
    ?>
      <div class="alert alert-success" role="alert">
        <?php
          echo $_SESSION['success'];
          unset($_SESSION['success']);
        ?>
      </div>
    <?php
      }
    ?>

    <?php
      $sql_product =
      "SELECT
      ProductID,
      ProductName,
      Products.SupplierID,
      Suppliers.CompanyName,
      Products.CategoryID,
      Categories.CategoryName,
      QuantityPerUnit, UnitPrice, UnitsInStock,
      UnitsOnOrder, ReorderLevel, Discontinued
      FROM Products
      LEFT JOIN Suppliers
```

```

        ON Products.SupplierID = Suppliers.SupplierID
        LEFT JOIN Categories
        ON Products.CategoryID = Categories.CategoryID
        WHERE ProductID = '$ProductID'
        ;";
        $stmt = $conn->query($sql_product);
        $stmt->execute();
        $product = $stmt->fetch();

        // $ProductID = $product['ProductID'];
        $ProductName = $product['ProductName'];
        $SupplierID = $product['SupplierID'];
        $CompanyName = $product['CompanyName'];

        $CategoryID = $product['CategoryID'];
        $CategoryName = $product['CategoryName'];

        $QuantityPerUnit = $product['QuantityPerUnit'];
        $UnitPrice = $product['UnitPrice'];
        $UnitsInStock = $product['UnitsInStock'];
        $UnitsOnOrder = $product['UnitsOnOrder'];
        $ReorderLevel = $product['ReorderLevel'];
        $Discontinued = $product['Discontinued'];

    ?>

    <div class="d-flex gap-2 justify-content-start">
        <a href="index.php" class="btn btn-primary">Home</a>
        <a href="product_new.php" class="btn btn-primary">New</a>
        <a href="product_list.php" class="btn btn-
success">List</a>
        <a href="product_edit.php?ProductID=<?=$ProductID?>"
class="btn btn-warning">Edit</a>
        <a href="product_delete.php?ProductID=<?=$ProductID?>"
class="btn btn-danger">Delete</a>

    </div>

    <form action="product_edit_db.php" method="post">
        <!-- ProductName ProductID -->
        <div class="row">
            <div class="col-lg-10 col-sm-12">
                <label for="ProductName" class="form-
label">ProductName</label>
                <input type="text" class="form-control"
name="ProductName" value="<?=$ProductName;?>">
            </div>
            <div class="col-lg-2 col-sm-12">
                <label for="ProductID" class="form-
label">ProductID</label>
                <input type="text" class="form-control"
name="ProductID" value="<?=$ProductID;?>" readonly>
            </div>

```

```

        </div>
        <!-- /ProductName ProductID -->

        <!-- SupplierID CategoryID -->
        <div class="row">
            <div class="col-lg-6 col-sm-12">
                <label for="SupplierID" class="form-
label">SupplierID - CompanyName</label>
                <!-- <input type="text" class="form-control"
name="SupplierID" value="<?=$SupplierID;?>" -->
                <select name="SupplierID" class="form-control
form-select">

                    <?php
                        // SQL selected data
                        if (isset($product['SupplierID'])) {
                            // $SupplierID =
$product['SupplierID'];
                            // $CompanyName =
$product['CompanyName'];

                            } else {
                                $CompanyName = "N/A";
                            }
                        ?>
                    <option value="<?=$SupplierID;?>"
                        <?php echo $SupplierID." ".$CompanyName;?>
                    </option>
                    <?php
                        // SQL for new select data
                        $sql_suppliers = "SELECT SupplierID,
CompanyName
                        FROM Suppliers
                        ORDER BY CompanyName ASC
                        ";

                        $stmt = $conn->query($sql_suppliers);
                        $stmt->execute();
                        $SupplierQuery = $stmt->fetchAll();

                        foreach ($SupplierQuery as
$SupplierResult) {
                            <?php echo
$SupplierResult['SupplierID'];?>
                            <?php echo $SupplierResult['SupplierID'];?
                            <?php echo
$SupplierResult['CompanyName'];?>
                        </option>

                    <?php
                        }
                    <?>

```



```

        </select>
    </div>

    <div class="col-lg-6 col-sm-12">
        <label for="CategoryID" class="form-
label">CategoryID - CategoryName</label>
        <select name="CategoryID" class="form-control
form-select">
            <?php
                // SQL selected data
                if (isset($product['CategoryID'])) {
                    // $CategoryID =
$product['CategoryID'];
                    // $CategoryName =
$product['CategoryName'];

                } else {
                    $CategoryName = "N/A";
                }
            ?>
            <option value="<?=$CategoryID;?>">
                <?php echo $CategoryID." ".$CategoryName;?
>
            </option>

            <?php
                // SQL for new select data
                $sql_Category = "SELECT CategoryID,
CategoryName
                FROM Categories
                ORDER BY CategoryName ASC
                ";

                $stmt = $conn->query($sql_Category);
                $stmt->execute();
                $CategoryQuery = $stmt->fetchAll();

                foreach ($CategoryQuery as
$CategoryResult) {
                    <?php
                    <option value="<?php echo
$CategoryResult['CategoryID'];?>">
                        <?php echo $CategoryResult['CategoryID'];?
>
                            <?php echo
$CategoryResult['CategoryName'];?>
                    </option>

                    <?php
                    }
                }
            ?>

```

```

        </select>
    </div>

</div>
<!-- /SupplierID CategoryID -->

<!-- QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->
<div class="row">
    <div class="col-lg-3 col-sm-12">
        <label for="QuantityPerUnit" class="form-
label">QuantityPerUnit</label>
        <input type="text" class="form-control"
name="QuantityPerUnit" value="<?=$QuantityPerUnit;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="UnitPrice" class="form-
label">UnitPrice</label>
        <input type="text" class="form-control"
name="UnitPrice" value="<?=$UnitPrice;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="UnitsInStock" class="form-
label">UnitsInStock</label>
        <input type="text" class="form-control"
name="UnitsInStock" value="<?=$UnitsInStock;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="UnitsOnOrder" class="form-
label">UnitsOnOrder</label>
        <input type="text" class="form-control"
name="UnitsOnOrder" value="<?=$UnitsOnOrder;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="ReorderLevel" class="form-
label">ReorderLevel</label>
        <input type="text" class="form-control"
name="ReorderLevel" value="<?=$ReorderLevel;?>">
    </div>
    <div class="col-lg-1 col-sm-12">
        <label for="Discontinued" class="form-
label">Discontinued</label>
        <input type="text" class="form-control"
name="Discontinued" value="<?=$Discontinued;?>">
    </div>
</div>
<!-- /QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->

<div class="d-flex gap-2 justify-content-end m-3">
    <button type="submit" class="btn btn-
success">Update</button>
    <a href="product_details.php?ProductID=<?=$ProductID?
">" class="btn btn-secondary">Cancel</a>

```

```
        </div>
    </form>

    <script src="../../bootstrap/bootstrap.bundle.min.js">
</script>
    </div>
</body>

</html>
```

product edit db

product_edit_db.php

```
<?php
/*
05.5050-PHP-MySQL-CRUD-Simple
product_edit_db.php
Teeratus_R
Edit : 20230111
*/

session_start();
require_once "../../config/db-config.php";

$productID = $_POST['ProductID'];

$productName = $_POST['ProductName'];
$supplierID = $_POST['SupplierID'];
$categoryID = $_POST['CategoryID'];
$quantityPerUnit = $_POST['QuantityPerUnit'];
$unitPrice = $_POST['UnitPrice'];
$unitsInStock = $_POST['UnitsInStock'];
$unitsOnOrder = $_POST['UnitsOnOrder'];
$reorderLevel = $_POST['ReorderLevel'];
$discontinued = $_POST['Discontinued'];

try {
    $sql_product = "INSERT INTO Products
    (
        ProductName,
        SupplierID,
        CategoryID,
        QuantityPerUnit,
        UnitPrice,
        UnitsInStock,
        UnitsOnOrder,
        ReorderLevel,
        Discontinued
    )
    VALUE
```

```

        (
            '$ProductName',
            '$SupplierID',
            '$CategoryID',
            '$QuantityPerUnit',
            '$UnitPrice',
            '$UnitsInStock',
            '$UnitsOnOrder',
            '$ReorderLevel',
            '$Discontinued'
        )
    );";

    $conn->exec($sql_product);
    $last_id = $conn->lastInsertId();
    $conn = null;

    $_SESSION['success'] = "Data has been updated succesfully";
    header("location: ./product_details.php?ProductID={$last_id}");

} catch(PDOException $e) {
    // echo $sql . "<br>" . $e->getMessage();

    $_SESSION['error'] = "Data has not been updated succesfully". $e-
>getMessage();
    header("location: ./product_list.php");
}

// header("location: ./manage_product.php?ProductID={$ProductID}");

?>

```

product delete

product_delete.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-SimpleAll
    product_delete.php
    Teeratus_R
    Edit : 20230111
    */
    session_start();
    require_once "../config/db-config.php";

    $ProductID = $_GET['ProductID'];

?>

```

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Delete</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">
    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";
    ?>

    <h2 class="bg-danger p-3 text-white">Delete [Pseudo]</h2>

    <?php
      $sql_product =
      "SELECT
      ProductID,
      ProductName,
      Products.SupplierID,
      Suppliers.CompanyName,
      Products.CategoryID,
      Categories.CategoryName,
      QuantityPerUnit, UnitPrice, UnitsInStock,
      UnitsOnOrder, ReorderLevel, Discontinued
      FROM Products
      LEFT JOIN Suppliers
      ON Products.SupplierID = Suppliers.SupplierID
      LEFT JOIN Categories
      ON Products.CategoryID = Categories.CategoryID
      WHERE ProductID = '$ProductID'
      ";
      $stmt = $conn->query($sql_product);
      $stmt->execute();
      $product = $stmt->fetch();

      // $ProductID = $product['ProductID'];
      $ProductName = $product['ProductName'];
      $SupplierID = $product['SupplierID'];
```

```

        $CompanyName = $product['CompanyName'];

        $CategoryID = $product['CategoryID'];
        $CategoryName = $product['CategoryName'];

        $QuantityPerUnit = $product['QuantityPerUnit'];
        $UnitPrice = $product['UnitPrice'];
        $UnitsInStock = $product['UnitsInStock'];
        $UnitsOnOrder = $product['UnitsOnOrder'];
        $ReorderLevel = $product['ReorderLevel'];
        $Discontinued = $product['Discontinued'];

    ?>

    <div class="d-flex gap-2 justify-content-start">
        <a href="index.php" class="btn btn-primary">Home</a>
        <a href="product_new.php" class="btn btn-primary">New</a>
        <a href="product_list.php" class="btn btn-
success">List</a>
        <a href="product_edit.php?ProductID=<?=$ProductID?>"
class="btn btn-warning">Edit</a>
        <a href="product_delete.php?ProductID=<?=$ProductID?>"
class="btn btn-danger">Delete</a>
    </div>

    <form action="product_delete_db.php" method="post">
        <!-- ProductName ProductID -->
        <div class="row">
            <div class="col-lg-10 col-sm-12">
                <label for="ProductName" class="form-
label">ProductName</label>
                <input type="text" class="form-control"
name="ProductName" value="<?=$ProductName;?>">
            </div>
            <div class="col-lg-2 col-sm-12">
                <label for="ProductID" class="form-
label">ProductID</label>
                <input type="text" class="form-control"
name="ProductID" value="<?=$ProductID;?>">
            </div>
        </div>
        <!-- /ProductName ProductID -->

        <!-- SupplierID CategoryID -->
        <div class="row">
            <div class="col-lg-2 col-sm-12">
                <label for="SupplierID" class="form-
label">SupplierID</label>
                <input type="text" class="form-control"
name="SupplierID" value="<?=$SupplierID;?>">
            </div>
            <div class="col-lg-4 col-sm-12">
                <label for="CompanyName" class="form-
label">CompanyName</label>

```

```

        <input type="text" class="form-control"
name="CompanyName" value="<?=$CompanyName;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="CategoryID" class="form-
label">CategoryID</label>
        <input type="text" class="form-control"
name="CategoryID" value="<?=$CategoryID;?>">
    </div>
    <div class="col-lg-4 col-sm-12">
        <label for="CategoryName" class="form-
label">CategoryName</label>
        <input type="text" class="form-control"
name="CategoryName" value="<?=$CategoryName;?>">
    </div>
</div>
<!-- /SupplierID CategoryID -->

<!-- QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->
<div class="row">
    <div class="col-lg-3 col-sm-12">
        <label for="QuantityPerUnit" class="form-
label">QuantityPerUnit</label>
        <input type="text" class="form-control"
name="QuantityPerUnit" value="<?=$QuantityPerUnit;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="UnitPrice" class="form-
label">UnitPrice</label>
        <input type="text" class="form-control"
name="UnitPrice" value="<?=$UnitPrice;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="UnitsInStock" class="form-
label">UnitsInStock</label>
        <input type="text" class="form-control"
name="UnitsInStock" value="<?=$UnitsInStock;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="UnitsOnOrder" class="form-
label">UnitsOnOrder</label>
        <input type="text" class="form-control"
name="UnitsOnOrder" value="<?=$UnitsOnOrder;?>">
    </div>
    <div class="col-lg-2 col-sm-12">
        <label for="ReorderLevel" class="form-
label">ReorderLevel</label>
        <input type="text" class="form-control"
name="ReorderLevel" value="<?=$ReorderLevel;?>">
    </div>
    <div class="col-lg-1 col-sm-12">
        <label for="Discontinued" class="form-
label">Discontinued</label>

```

```

        <input type="text" class="form-control"
name="Discontinued" value="<?=$Discontinued;?>"
        </div>
    </div>
    <!-- /QuantityPerUnit, UnitPrice, UnitsInStock,
UnitsOnOrder, ReorderLevel, Discontinued -->

    <div class="d-flex gap-2 justify-content-end m-3">
        <button type="submit" class="btn btn-
danger">Delete</button>
        <a href="product_details.php?ProductID=<?=$ProductID?
>" class="btn btn-warning">Cancel</a>
    </div>
</form>

    <script src="../../bootstrap/bootstrap.bundle.min.js">
</script>
</div>
</body>

</html>

```

product delete db [Pseudo]

product_delete_db.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-SimpleAll
    product_delete_db.php [Pseudo]
    Teeratus_R
    Edit : 20230113
    */

    session_start();
    require_once "../../config/db-config.php";

    $ProductID = $_POST['ProductID'];

    // $ProductName = $_POST['ProductName'];
    // $SupplierID = $_POST['SupplierID'];
    // $CategoryID = $_POST['CategoryID'];
    // $QuantityPerUnit = $_POST['QuantityPerUnit'];
    // $UnitPrice = $_POST['UnitPrice'];
    // $UnitsInStock = $_POST['UnitsInStock'];
    // $UnitsOnOrder = $_POST['UnitsOnOrder'];
    // $ReorderLevel = $_POST['ReorderLevel'];
    // $Discontinued = $_POST['Discontinued'];
    $Discontinued = 1;

```



```
try {
    $sql_product = "UPDATE Products
SET
Discontinued    = '$Discontinued'
WHERE ProductID = '$ProductID'
";
    $stmt = $conn->prepare($sql_product);
    $stmt->execute();
    $conn = null;
    $_SESSION['success'] = "Data has been updated successfully";
    header("location: ./product_list.php");

} catch(PDOException $e) {
    // echo $sql . "<br>" . $e->getMessage();

    $_SESSION['error'] = "Data has not been updated successfully". $e-
>getMessage();
    header("location: ./product_list.php");
}

// header("location: ./manage_product.php?ProductID={$ProductID}");

?>
```

Category List

category_list.php

```
<?php
/*
05.5050-PHP-MySQL-CRUD-SimpleAll
category_list.php
Teeratus_R
Edit : 20230110
*/
session_start();
require_once "../..//config/db-config.php";

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="shortcut icon" href="../..//webcomponents/favicon.ico"
type="image/x-icon">
```

```

<link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
<style>
  thead {
    background-color: #ffc;
  }
</style>

</head>
<body>

<h4>Template Filename : category_list.php</h4>
<p>05.5050-PHP-MySQL-CRUD-SimpleAll</p>
<?php
  print_r($_POST);
  echo "<hr>";
  print_r($_GET);
  echo "<hr>";
  print_r($_SESSION);
  echo "<hr>";
?>

<?php
  if (isset($_SESSION['error'])) {
?>
  <div class="alert alert-danger" role="alert">
    <?php
      echo $_SESSION['error'];
      unset($_SESSION['error']);
    ?>
  </div>
<?php
  }
?>
<?php
  if (isset($_SESSION['success'])) {
?>
    <div class="alert alert-success" role="alert">
      <?php
        echo $_SESSION['success'];
        unset($_SESSION['success']);
      ?>
    </div>
<?php
  }
?>

<div class="d-flex gap-3 justify-content-start mb-3">
  <a href="index.php" class="btn btn-primary">Home</a>
  <a href="category_new.php" class="btn btn-primary">New</a>
  <a href="category_list.php" class="btn btn-success">List</a>
  <!-- <a href="category_edit.php" class="btn btn-warning
disabled">Edit</a> -->
</div>

```

```

<table class="table table-striped table-bordered table-hover">
  <thead>
    <th>CategoryName</th>
    <th>Description</th>

    <th>Action</th>
    <th>CategoryID</th>
  </thead>
  <tbody>
    <?php
      $sql_category =
        "SELECT
          CategoryID,
          CategoryName,
          Description

          FROM Categories

          ORDER BY CategoryName ASC
          ";
      $stmt = $conn->query($sql_category);
      $stmt->execute();
      $array_category = $stmt->fetchAll();
      if (!$array_category) {
        echo "<tr><td colspan='8' class='text-center'>No data
found</td></tr>";
      } else {
        foreach ($array_category as $category_data) {
          ?>
          <tr>
            <td><?=$category_data['CategoryName'];?></td>
            <td><?=$category_data['Description'];?></td>

            <td><a href="./category_details.php?CategoryID=?
=$category_data['CategoryID'];?>" class="btn btn-warning">Details</a></td>
            <td><?=$category_data['CategoryID'];?></td>
          </tr>
        <?php
          }
        }
      ?>
    </tbody>
  </table>

  <script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>
</html>

```

Category Details

category_details.php

```
<?php
/*
05.5050-PHP-MySQL-CRUD-SimpleAll
category_details.php
Teeratus_R
Edit : 20230111
*/
session_start();
require_once "../config/db-config.php";

$CategoryID = $_GET['CategoryID'];

?>

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Details</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">
    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";
    ?>

    <h2>Details</h2>

    <?php
      if (isset($_SESSION['error'])) {
        ?>
        <div class="alert alert-danger" role="alert">
          <?php
            echo $_SESSION['error'];
            unset($_SESSION['error']);
          ?>
        </div>
      }
    ?>
  </div>
</body>
</html>
```

```
?>
<?php
    if (isset($_SESSION['success'])) {
?>
        <div class="alert alert-success" role="alert">
            <?php
                echo $_SESSION['success'];
                unset($_SESSION['success']);
            ?>
        </div>
    <?php
    }
?>

<?php
    $sql_category =
    "SELECT
    CategoryID,
    CategoryName,
    Description

    FROM Categories
    WHERE CategoryID = '$CategoryID'
    ";
    $stmt = $conn->query($sql_category);
    $stmt->execute();
    $category = $stmt->fetch();

    // $CategoryID = $category['CategoryID'];
    $CategoryName = $category['CategoryName'];
    $Description = $category['Description'];

?>

<div class="d-flex gap-3 justify-content-start">
    <a href="category_new.php" class="btn btn-primary">New</a>
    <a href="category_list.php" class="btn btn-
success">List</a>

</div>

<div class="row">
    <div class="col-lg-12">
        <table class="table table-striped">
            <thead>
                <tr>
                    <th>CategoryName</th>
                    <th>Description</th>
                    <th>Action</th>

                    <th>CategoryID</th>
                </tr>
            </thead>
        </table>
    </div>
</div>
```

```

        </thead>
        <tbody>
            <tr>
                <td>
                    <?=$CategoryName?>
                </td>
                <td>
                    <?=$Description?>
                </td>
                <td>
                    <a href="category_edit.php?CategoryID=
<?=$CategoryID?" class="btn btn-warning">Edit</a>
                    <a href="category_delete.php?
CategoryID=<?=$CategoryID?" class="btn btn-danger">Delete</a>
                </td>
                <td><?=$CategoryID?></td>
            </tr>
        </tbody>
    </table>
</div>

</div>

    <script src="../../bootstrap/bootstrap.bundle.min.js">
</script>
</div>
</body>

</html>

```

Category New

category_new.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-SimpleAll
    category_new.php
    Teeratus_R
    Edit : 20221229
    */
    session_start();
    require_once "../../config/db-config.php";

    // $CategoryID = $_GET['CategoryID'];

?>

<!DOCTYPE html>

```

```

<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>N-Details</title>
  <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
  <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
  <div class="container">

    <h2>Template Filename : Create New Category</h2>

    <?php
      print_r($_POST);
      echo "<hr>";
      print_r($_GET);
      echo "<hr>";
      print_r($_SESSION);
      echo "<hr>";
    ?>

    <div class="d-flex gap-3 justify-content-start">
      <!-- <a href="category_list.php" class="btn btn-
primary">List</a> -->
    </div>

    <div class="row">
      <div class="border col-sm-6 ">
        <form action="category_new_db.php" method="post">
          <div class="mb-3">
            <label for="CategoryName" class="form-
label">CategoryName</label>
            <input type="text" class="form-control"
name="CategoryName" required>
          </div>
          <div class="mb-3">
            <label for="Description" class="form-
label">Description</label>
            <input type="text" class="form-control"
name="Description" required>
          </div>

          <div class="d-flex gap-2 justify-content-end mb-
3">
            <button type="submit" class="btn btn-
primary">Submit</button>
            <a href="./category_list.php" class="btn btn-

```

```

secondary">Cancel</a>
                </div>

            </form>
        </div>
        <!-- /class="row" -->
    </div>

</div>
<script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>

</html>

```

Category New db

category_new_db.php

```

<?php
/*
05.5050-PHP-MySQL-CRUD-SimpleAll
category_new_db.php
Teeratus_R
Edit : 20221229
*/
session_start();
require_once '../config/db-config.php';

$CategoryName = trim($_POST['CategoryName']);

$Description = $_POST['Description'];

// $x = $_POST['x'];

try {
    $sql_category = "INSERT INTO Categories
(CategoryName, Description)
VALUES
(
    '$CategoryName',
    '$Description'
)";
    $conn->exec($sql_category);
    $last_id = $conn->lastInsertId();
    $conn = null;
    $_SESSION['success'] = "Data has been updated successfully";
    // header("location: ./category_list.php");
    header("location: ./category_details.php?CategoryID={$last_id}");
}

```



```

    } catch(PDOException $e) {
        // echo $sql . "<br>" . $e->getMessage();

        $_SESSION['error'] = "Data has not been updated succesfully" . $e-
>getMessage();
        header("location: ./category_list.php");
    }

?>

```

Category Edit

category_edit.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-Simple
    category_edit.php
    Teeratus_R
    Edit : 20230109
    */
    session_start();
    require_once "../config/db-config.php";
    $CategoryID = $_GET['CategoryID'];

?>

<!DOCTYPE html>
<html lang="en">

    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-
scale=1.0">
        <title>N-Details</title>
        <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
        <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
    </head>

    <body>
        <div class="container">
            <?php
                print_r($_POST);
                echo "<hr>";
                print_r($_GET);
                echo "<hr>";
                print_r($_SESSION);
                echo "<hr>";
            </?php
        </div>
    </body>
</html>

```

```
?>

<h2>Edit Category</h2>

<?php
    $sql_category =
        "SELECT
        CategoryID,
        CategoryName,
        Description

        FROM Categories
        WHERE CategoryID = $CategoryID
        ";
    $stmt = $conn->query($sql_category);
    $stmt->execute();
    $category = $stmt->fetch();

    $CategoryName = $category['CategoryName'];
    $Description = $category['Description'];

?>

<div class="d-flex gap-3 justify-content-start mb-3">
    <a href="category_list.php" class="btn btn-
primary">List</a>
</div>

<div class="row">
    <div class="border col-sm-6">
        <form action="category_edit_db.php" method="post">
            <input type="hidden" name="CategoryID" value="
<?=$CategoryID?>">
                <div class="mb-3">
                    <label for="CategoryName" class="form-
label">CategoryName</label>
                    <input type="text" class="form-control"
name="CategoryName" value="<?=$CategoryName?>" required>
                    </div>
                    <div class="mb-3">
                        <label for="Description" class="form-
label">Description</label>
                        <input type="text" class="form-control"
name="Description" value="<?=$Description?>" required>
                        </div>

                    <div class="d-flex gap-2 justify-content-end
mb-3">
                        <button type="submit" class="btn btn-
primary">Submit</button>
                        <a href="./category_details.php?
CategoryID=<?=$CategoryID;?>" class="btn btn-secondary">Cancel</a>
                    </div>
                </form>
            </div>
        </div>
    </div>
</div>
```

```

                </form>
            </div>

        </div>

        <script src="../../bootstrap/bootstrap.bundle.min.js">
</script>
    </div>
</body>

</html>

```

Category Edit db

category_edit_db.php

```

<?php
    /*
    05.5050-PHP-MySQL-CRUD-SimpleAll
    category_edit_db.php
    Teeratus_R
    Edit : 20230111
    */

    session_start();
    require_once "../../config/db-config.php";

    $CategoryID = $_POST['CategoryID'];
    $CategoryName = trim($_POST['CategoryName']);

    $Description = $_POST['Description'];

    try {
        $sql_category = "UPDATE Categories
        SET
        CategoryName = '$CategoryName',
        Description = '$Description'
        WHERE CategoryID = '$CategoryID'";
        $stmt = $conn->prepare($sql_category);
        $stmt->execute();
        $conn = null;
        $_SESSION['success'] = "Data has been updated successfully";
        header("location: ./category_details.php?CategoryID=
        {$CategoryID}");
    } catch(PDOException $e) {
        // echo $sql . "<br>" . $e->getMessage();

        $_SESSION['error'] = "Data has not been updated successfully". $e-
        >getMessage();
    }

```

```
        header("location: ./category_list.php");
    }

    // header("location: ./manage_category.php?CategoryID={$CategoryID}");

?>
```

Category Delete

category_delete.php

```
<?php
    /*
    category_delete.php
    Teeratus_R
    */
    session_start();
    require_once "../config/db-config.php";

    $CategoryID = $_GET['CategoryID'];

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>N-Delete</title>
    <link rel="shortcut icon" href="../../webcomponents/favicon.ico"
type="image/x-icon">
    <link rel="stylesheet" href="../../bootstrap/bootstrap.min.css">
</head>

<body>
    <div class="container">
        <?php
            print_r($_POST);
            echo "<hr>";
            print_r($_GET);
            echo "<hr>";
            print_r($_SESSION);
            echo "<hr>";
```

```

        $sql_category =
        "SELECT
        CategoryName,
        Description
        FROM Categories
        WHERE CategoryID = $CategoryID
        ";
        $stmt = $conn->prepare($sql_category);
        $stmt->execute();
        $Category_data = $stmt->fetch(PDO::FETCH_ASSOC);

        // $CategoryID          =
$Category_data['CategoryID'];
        $CategoryName          =
$Category_data['CategoryName'];
        $Description           = $Category_data['Description'];

        // $x                    = $Category_data['x'];
?>

<h2 class="text-danger">Delete Category ?</h2>

<div class="d-flex gap-3 justify-content-start">
    <!-- <a href="category_list.php" class="btn btn-
primary">List</a> -->
</div>

<div class="row">
    <div class="border col-sm-6 ">
        <form action="category_delete_db.php" method="post">
            <div class="mb-3">
                <label for="CategoryName" class="form-
label">CategoryName</label>
                <input type="text" class="form-control"
name="CategoryName" value="<?=$CategoryName?>">
            </div>
            <div class="mb-3">
                <label for="Description" class="form-
label">Description</label>
                <input type="text" class="form-control"
name="Description" value="<?=$Description?>">
            </div>

            <div class="mb-3">
                <label for="CategoryID" class="form-
label">CategoryID</label>
                <input type="text" class="form-control"
name="CategoryID" value="<?=$CategoryID?>">
            </div>

            <div class="d-flex gap-2 justify-content-start mb-

```

```

3">
                                <button type="submit" class="btn btn-
danger">Confirm</button>
                                <a href="./category_details.php?CategoryID=?
=$CategoryID?" class="btn btn-secondary">Cancel</a>
                                </div>
                                </form>
                                </div>
                                </div>

                                </div>
                                <script src="../../bootstrap/bootstrap.bundle.min.js"></script>
</body>

</html>

```

Category Delete db

category_delete_db.php

```

<?php

session_start();
require_once "../../config/db-config.php";

$CategoryID = $_POST['CategoryID'];
// $CategoryID = 97;

// $x = $_POST['x'];
// print_r($CategoryID);

try {

    // sql to delete a record
    $sql_category = "DELETE FROM Categories
WHERE CategoryID = $CategoryID
";
    // use exec() because no results are returned
    $conn->exec($sql_category);
    $conn = null;

    $_SESSION['success'] = "Data has been updated successfully";
    header("location: ./category_list.php");
    // echo "Record deleted successfully";
} catch(PDOException $e) {
    // echo $sql_category . "<br>" . $e->getMessage();
}

```

```
        $_SESSION['error'] = "Data has not been updated succesfully";  
        header("location: ./category_list.php");  
        // header("location: ./category_list.php?id=  
{$service_orders_id}");  
  
    }  
  
?>
```

Document

Document in project

You can [Download PDF](#) file.

Reference