




STIJ3074: Web Programming
Semester A211
School of Computing, CAS, UUM

Lab 3

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Acknowledgement	By submitting this document, I hereby acknowledge that the following works are from my effort. If found otherwise, severe action such as marks deduction or removal from the assignment can be taken against me.
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PHP/HTML codes

addedproduct.php

```
<?php

    if(isset($_POST["submit"])){
        include 'dbconnect.php';
        $name = $_POST["name"];
        $description = $_POST["description"];
        $price = $_POST["price"];
        $quantity = $_POST["quantity"];
        $sqlregister = "INSERT INTO `table_product`(`name`, `description`,
`price`, `quantity`)
        VALUES('$name', '$description', '$price', '$quantity')";

        try{
            $conn->exec($sqlregister);
            if (file_exists($_FILES["fileToUpload"]["tmp_name"]) ||
is_uploaded_file($_FILES["fileToUpload"]["tmp_name"])){
                uploadImage($name);
                echo "<script>alert('Successfully added')</script>";
                echo
"<script>window.location.replace('display.php')</script>";
            }

            }catch (PDOException $e) {
                echo"<script>alert('Failed to add')</script>";
                echo
"<script>window.location.replace('addedproduct.php')</script>";
            }
        }

        function uploadImage($name){
            $target_dir = "../res/images/";
            $target_file = $target_dir . $name . ".png";
            move_uploaded_file($_FILES["fileToUpload"]["tmp_name"],
$target_file);
        }

?>

<!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">
```

```

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="../res/images/profile.png">
    <link rel="stylesheet" href="style/style.css">
    <script src="../javascript/script.js"></script>
    <title>Add Product</title>
</head>

<body>
    <!--Navbar on top-->
    <div class="w3-bar w3-sand w3-padding w3-card" style="letter-spacing: 3px;">
        <a href="display.php" class="w3-bar-item w3-button">Dainty Bites</a>
        <a href="#logout" class="w3-bar-item w3-button w3-hide-small w3-right">Logout</a>
        <a href="addproduct.php" class="w3-bar-item w3-button w3-hide-small w3-right">Add Product</a>
        <a href="javascript:void(0)" class="w3-bar-item w3-button w3-right w3-hide-large w3-hide-medium" onclick="myFunction()">&#9776;</a>
    </div>

    <!--Right-sided navbar Dropdown menu. Shows on small screen-->
    <div id="idnavbar" class="w3-bar-block w3-sand w3-hide w3-hide-large w3-hide-medium">
        <a href="#logout" class="w3-bar-item w3-button w3-center">Logout</a>
        <a href="addproduct.php" class="w3-bar-item w3-button w3-center">Add Product</a>
    </div>

    <!--Add Product Form-->
    <div class="w3-container w3-padding-64 form-container">
        <div class="w3-card">
            <div class="w3-container w3-grey">
                <p>Add Product</p>
            </div>
            <form class="w3-container w3-padding " name="registerForm" action="addedproduct.php" method="post" onsubmit="return confirmDialog()" enctype="multipart/form-data">
                <div class="w3-container w3-border w3-center w3-padding">
                    <br>
                    <input type="file" onchange="previewFile()" name="fileToUpload" id="fileToUpload"><br>
                </div>
            </form>
        </div>
    </div>

```

```
<p>
    <label class="w3-text-black"><b>Product Name</b></label>
    <input class="w3-input w3-border w3-round" name="name"
type="text" id="idname" required>
</p>

<p>
    <label class="w3-text-black"><b>Description</b></label>
    <input class="w3-input w3-border w3-round" name="description"
type="text" id="iddescription" required>
</p>

<p>
    <label class="w3-text-black"><b>Price</b></label>
    <input class="w3-input w3-border w3-round" name="price"
type="text" id="idprice" required>
</p>

<p>
    <label class="w3-text-black"><b>Quantity</b></label>
    <input class="w3-input w3-border w3-round" name="quantity"
type="text" id="idquantity" required>
</p>

<p>
    <button class='w3-btn w3-round w3-grey w3-block'
name="submit">Add Product</button>
</p>
</form>
</div>
</div>

<!--Footer-->

<footer class="w3-footer w3-center w3-sand">
    <p>Copyright: Dainty Bites</p>
</footer>

</body>
</html>
```

display.php

```
<?php
include 'dbconnect.php';
$sqldata = "SELECT * FROM `table_product` ORDER BY id DESC";

$results_per_page= 10;
if (isset($_GET['pagenum'])) {
    $pagenum = (int)$_GET['pagenum'];

    $page_first = ($pagenum - 1) * $results_per_page;
} else {
    $pagenum =1;
    $page_first = ($pagenum - 1) * $results_per_page;
}

$stmt = $conn->prepare($sqldata);
$stmt->execute();
$result_num = $stmt->rowCount();
$num_page = ceil($result_num / $results_per_page);

$stmt = $conn->prepare($sqldata);
$stmt->execute();
$result = $stmt->setFetchMode(PDO::FETCH_ASSOC);
$rows = $stmt->fetchAll();

?>
<!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"> <!--ViewPort-->
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<!--W3css References-->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="style/style.css">
    <script src="../javascript/script.js"></script>
    <style>
        body,html {height: 100%;}
        body,h1,h2,h3,h4,h5,h6 {font-family: 'Times New Roman', Georgia, serif;}

        @media screen and (min-width: 1920px) {
            body {
                max-width: 60%;
                margin: auto;
            }
        }
    </style>
</head>
<body>
```

```

    }
}
</style>
<title>Dainty Bites</title>
</head>
<body>
    <!--Navbar on top-->
    <div class="w3-bar w3-sand w3-padding w3-card" style="letter-spacing: 3px;">
        <a href="mainpage.php" class="w3-bar-item w3-button">Dainty Bites</a>
        <a href="#logout" class="w3-bar-item w3-button w3-hide-small w3-right">Logout</a>
        <a href="addedproduct.php" class="w3-bar-item w3-button w3-hide-small w3-right">Add Product</a>
        <a href="javascript:void(0)" class="w3-bar-item w3-button w3-right w3-hide-large w3-hide-medium" onclick="myFunction()">#9776</a>
    </div>

    <!--Right-sided navbar Dropdown menu. Shows on small screen-->
    <div id="idnavbar" class="w3-bar-block w3-sand w3-hide w3-hide-large w3-hide-medium">
        <a href="#logout" class="w3-bar-item w3-button w3-center">Logout</a>
        <a href="addedproduct.php" class="w3-bar-item w3-button w3-center">Add Product</a>
    </div>
    <div class="w3-container w3-padding-16">
    </div>

    <div class="w3-center w3-padding-32 w3-dark-grey">
        <h1><strong>LIST OF PRODUCT</strong></h1>
    </div>

    <div class="w3-grid-template">
        <?php
        foreach ($rows as $customer) {
            $name = $customer['name'];
            $description = $customer['description'];
            $price = $customer['price'];
            $quantity = $customer['quantity'];
            echo "<div class='w3-center w3-padding'>";
            echo "<div class='w3-card-4 w3-dark-grey'>";
            echo "<header class='w3-container w3-sand'>";
            echo "<h5><strong>$name</h5>";
            echo "</header>";
            echo "<div class='w3-padding'><img class='w3-image' src='../res/images/$name.png' .
            \" onerror=this.onerror=null;this.src='../res/images/profile.png'\" .
            \" '></div>";
            echo "<div class='w3-container w3-left-align'><hr>";

```

```
<p><i class='fa fa-id-card' style='font-size:16px'>
</i>&nbsp;&nbsp;&$description<br>
<i class='fa fa-money' style='font-size:16px'>
</i>&nbsp;&nbsp;&&nbsp;&nbsp;&$price<br>
<i class='fa fa-dropbox' style='font-size:16px'>
</i>&nbsp;&nbsp;&&nbsp;&nbsp;&&nbsp;&nbsp;&$quantity<br>" ;
    echo "</div>";
    echo "</div>";
    echo "</div>";
}
?>
</div>

<?php
$num = 1;
if ($pagenum == 1) {
    $num = 1;
} else if ($pagenum == 2) {
    $num = ($num) + $results_per_page;
} else {
    $num = $pagenum * $results_per_page - 6;
}
echo "<div class='w3-container w3-row'>";
echo "<center>";
for ($page = 1; $page <= $num_page; $page++) {
    echo '<a href = "main.php?page=<= $page . "" style=
"text-decoration: none">&nbsp;&nbsp;&' . $page . ' </a>';
}
echo " ( " . $pagenum . " )";
echo "</center>";
echo "</div>";
?>

<!--Footer-->

<footer class="w3-footer w3-center w3-sand">
    <p>Copyright: Dainty Bites</p>
</footer>
</body>
</html>
```

dbconnect.php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "lab3_db";

try {
    $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username,
$password);
    $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
    echo $sql . "<br>" . $e->getMessage();
}
?>
```

CSS + JS CODE

style.css

```
@media screen and (min-width: 601px) {
    .w3-grid-template {
        display: grid;
        grid-template-columns: repeat(3, 1fr);
    }
}

@media screen and (min-width: 1920px) {
    body {
        max-width: 60%;
        margin: auto;
    }
}

@media screen and (min-width: 601px) {
    .form-container {
        max-width: 500px;
        margin: auto;
    }
}

@media screen and (min-width: 1000px) {
    .w3-grid-template {
        display: grid;
        grid-template-columns: repeat(5,1fr);
    }
    .w3-image{
```



```

        width: auto;
        height: auto;
        object-fit: fill;
    }
}

@media screen and (min-width: 601) {
    .w3-grid-template {
        display: grid;
        grid-template-columns: repeat(2,1fr);
    }
    .w3-image{
        width: auto;
        height: auto;
        object-fit: fill;
    }
    body {
        margin: auto;
    }
}

```

script.js

```

function previewFile() {
    const preview = document.querySelector('.w3-image');
    const file = document.querySelector('input[type=file]').files[0];
    const reader = new FileReader();
    reader.addEventListener("load", function() {
        // convert image file to base64 string
        preview.src = reader.result;
    }, false);

    if (file) {
        reader.readAsDataURL(file);
    }
}

function confirmDialog() {
    var r = confirm("Are you sure to continue?");
    if (r == true) {
        return true;
    } else {
        return false;
    }
}

function myFunction() {
    var x = document.getElementById("idnavbar");
}

```

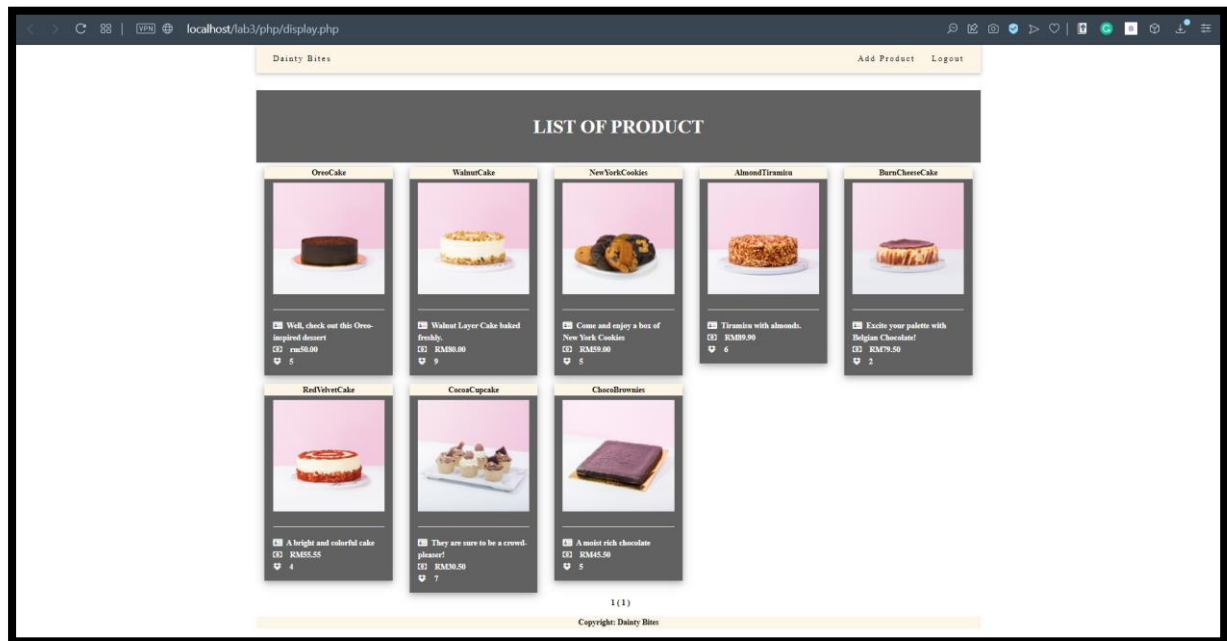
```

if (x.className.indexOf("w3-show") == -1){
    x.className += " w3-show";
} else {
    x.className = x.className.replace(" w3-show", "");
}
}

```

Screenshot of the page mobile + desktop view.

Display product page desktop view



Display product page mobile view



Add product page desktop view

The screenshot shows a web browser window with the URL `localhost/lab3/php/addedproduct.php`. The page has a light orange header with "Dainty Bites" on the left and "Add Product" and "Logout" on the right. The main content area features a central "Add Product" form. At the top of the form is a large circular profile picture placeholder with a "Choose File" button and "No file chosen" text below it. Below the image are four text input fields labeled "Product Name", "Description", "Price", and "Quantity". At the bottom of the form is a grey "Add Product" button. The footer of the page is a light orange bar with "Copyright: Dainty Bites" centered.

Add product page mobile view

The screenshot shows the mobile view of the "Add Product" page. The header is a light orange bar with "Dainty Bites" on the left and a hamburger menu icon on the right. The form is titled "Add Product" in a grey bar. It features a large circular profile picture placeholder with a "Choose File" button and "No file chosen" text below it. Below the image are four text input fields labeled "Product Name", "Description", "Price", and "Quantity". At the bottom of the form is a grey "Add Product" button. The footer is a light orange bar with "Copyright: Dainty Bites" centered.

Database design screenshot for the product table.

Table of table_data

The screenshot shows the phpMyAdmin interface for the 'table_data' table. The table has 10 rows and 4 columns: id, name, price, and quantity. The data is as follows:

id	name	price	quantity
28	Brownies	50.00	3
31	Cocoa BonBon	40.50	20
32	CupCakes Cocoa	30.50	5
33	Candy	400	3
34	Chocolate Cake	20.00	6
35	Chocolates Brownie	50.00	2
36	Test	300	1
37	Chocolate	41	3
38	Aminnursd	400	3
39	sadda	11	3

Structure of table_data database

The screenshot shows the 'Table structure' view for the 'table_data' table. The structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(2)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
3	price	varchar(10)	utf8mb4_general_ci		No	None			Change Drop More
4	quantity	int(5)			No	None			Change Drop More