Akhil Montrose

UNIVERSITY OF TRINIDAD AND TOBAGO  ID: 81788

**WEB PROGRAMMING PROJECT DOCUMENT**

Table of Contents

[Website Planning 2](#_Toc89295480)

[Customer 2](#_Toc89295481)

[Employee 2](#_Toc89295482)

[Goals 3](#_Toc89295483)

[Users 3](#_Toc89295484)

[Web Technologies 3](#_Toc89295485)

[Content Owners 3](#_Toc89295486)

[Website Analysis 4](#_Toc89295487)

[Tasks (Customers): 4](#_Toc89295488)

[Tasks (Employee): 4](#_Toc89295489)

[Processes needed to support website 4](#_Toc89295490)

[Web Page Design and Development 5](#_Toc89295491)

[Layout (Customer-Side): 5](#_Toc89295492)

[Layout (Employee-Side) 8](#_Toc89295493)

[Database 13](#_Toc89295494)

[Website Testing 16](#_Toc89295495)

[Login Test: 16](#_Toc89295496)

[Register Test: 18](#_Toc89295497)

[Making an Order 20](#_Toc89295498)

[Update: 22](#_Toc89295499)

[Delete: 23](#_Toc89295500)

[Appendix 24](#_Toc89295501)

[Code: 24](#_Toc89295502)

[Code (Employee-Side) 29](#_Toc89295503)

[Code (Customer-Side) 48](#_Toc89295504)

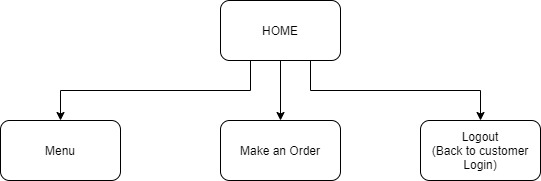
[Misc: 53](#_Toc89295505)

# Website Planning

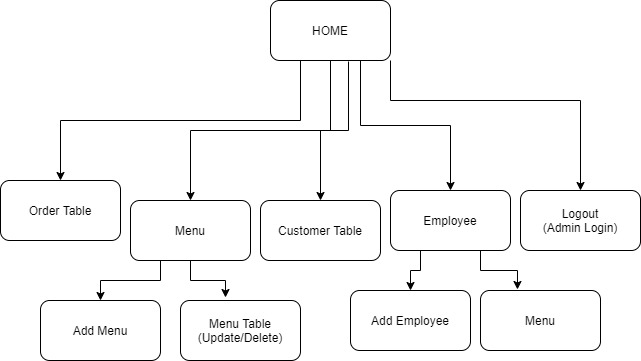
Below are two images of how the website is structured. It is divided into two main parts:

* Customer
* Login

## Customer



## Employee



## Goals

The goal of this website is to create an online platform where customers can browse online for the type of pf milk they want as well as a way for employees to perform their normal day to day operations.

## Users

The users of the website would be:

* Customers
* Employees

## Web Technologies

The technologies that were used to create this website are:

* HTML
* CSS
* PHP
* MySQL

## Content Owners

The website will be showcasing the various types of milk that the company DairyLand has to offer. DairyLand offers customers to become a member and they deliver right at their front door. This website was also created to ease the workload of the employees by removing all the paperwork. The usual tasks that they would have done with paper, they are able to do it online.

# Website Analysis

Below are the tasks that the users of the system will be able to perform, first with customers and then with the employees.

## Tasks (Customers):

* Create an account/Login
* Browse menu
* Make an order.
* View Order Status
* Delete Order Status

## Tasks (Employee):

* View the order table (Update/Delete)
* Create a new menu.
* Update/Delete Menu
* View Customer Table
* Create a new Employee
* View Employee Table

## Processes needed to support website

Here are a few requirements that are needed for this website to function

**For Employees:**

* Stable internet connection
* Windows 7 and up.
* A Database
* Live Server

**For Customers:**

* Stable internet connection.
* Windows 7 and up or most smartphone that have internet access.

# Web Page Design and Development

## Layout (Customer-Side):

Customer Registration:

Graphical user interface

Description automatically generated

Customer Login:

Graphical user interface

Description automatically generated

Customer Home Page:

Timeline

Description automatically generated

Menu Page:

Timeline

Description automatically generated with low confidence

A picture containing timeline

Description automatically generated

Order Page:

Graphical user interface

Description automatically generated

## Layout (Employee-Side)

Admin Login:

Graphical user interface, website

Description automatically generated

Admin Home:

Graphical user interface, text, application

Description automatically generated

Order Page:

Timeline

Description automatically generated

Adding a menu:

Graphical user interface, website

Description automatically generated

Menu table:

A screenshot of a computer

Description automatically generated

Editing menu:

Graphical user interface

Description automatically generated

Customer Table:

Table

Description automatically generated

Employee Form

Graphical user interface

Description automatically generated

Employee Table:

Table

Description automatically generated

## Database

Graphical user interface, application

Description automatically generated

Customer:

Graphical user interface, application

Description automatically generated

Employee:

Graphical user interface, text, application

Description automatically generated

Order\_item:

Graphical user interface, text, application, email

Description automatically generated

Product:

Graphical user interface, text, application

Description automatically generated

# Website Testing

## Login Test:

Graphical user interface, text, application

Description automatically generated

Graphical user interface

Description automatically generated

A picture containing text

Description automatically generated

Graphical user interface

Description automatically generated

Text

Description automatically generated

## Register Test:

Graphical user interface, application

Description automatically generated

Graphical user interface, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

## Making an Order

Graphical user interface

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Table

Description automatically generated

## Update:

Table

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Table

Description automatically generated

## Delete:

Text

Description automatically generated with low confidence

Text

Description automatically generated

# Appendix

## Code:

userLogin.php:

<!doctype html>

<html>

<head>

    <title>Customer Login</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

<div class="navbar">

        <a href="userLogin.php">Sign In</a>

        <a href="userRegistration.php">Sign Up</a>

        <a href="adminLogin.php">Admin</a>

    </div>

    <div class="login\_container">

        <h1>Customer Login</h1>

        <form action="" method="POST">

            <input type="text" name="cust\_username" placeholder="Username" required>

            <input type="password" name="cust\_password" placeholder="Password" required>

            <input type="submit" name="submit" value="Login">

        </form>

        <h3>Don't have an account? Create an account <a href="userRegistration.php">Here</a>.</h3>

    </div>

    <?php

    if (isset($\_POST["submit"])) {

        if (!empty($\_POST['cust\_username']) && !empty($\_POST['cust\_password'])) {

            $cust\_username = $\_POST['cust\_username'];

            $cust\_password = $\_POST['cust\_password'];

            $con = mysqli\_connect('localhost', 'root', '', 'milk') or die("Connection failed: %s\n" . $conn->error);

            $query = ("SELECT cust\_username, cust\_password FROM customer WHERE cust\_username='" . $cust\_username . "' AND cust\_password='" . $cust\_password . "'");

            $result = mysqli\_query($con, $query);

            $numrows = mysqli\_num\_rows($result);

            if ($numrows != 0) {

                while ($row = mysqli\_fetch\_assoc($result)) {

                    $dbusername = $row['cust\_username'];

                    $dbpassword = $row['cust\_password'];

                }

                if ($cust\_username == $dbusername && $cust\_password == $dbpassword) {

                    session\_start();

                    $\_SESSION['sess\_user'] = $cust\_username;

                    /\* Redirect browser \*/

                    header("Location: userHome.php");

                }

            } else {

                echo "Invalid username or password!";

            }

        } else {

            echo "All fields are required!";

        }

    }

    ?>

</body>

</html>

adminLogin.php

<!doctype html>

<html>

<head>

    <title>Admin Login</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

<div class="navbar">

        <a href="userLogin.php">Sign In</a>

        <a href="userRegistration.php">Sign Up</a>

        <a href="adminLogin.php">Admin</a>

    </div>

    <div class="login\_container">

        <h1>Admin Login</h1>

        <form action="" method="POST">

            <input type="text" name="emp\_username" placeholder="Username" required>

            <input type="password" name="emp\_password" placeholder="Password" required>

            <input type="submit" name="submit" value="Login">

        </form>

    </div>

    <?php

    if (isset($\_POST["submit"])) {

        if (!empty($\_POST['emp\_username']) && !empty($\_POST['emp\_password'])) {

            $emp\_username = $\_POST['emp\_username'];

            $emp\_password = $\_POST['emp\_password'];

            $con = mysqli\_connect('localhost', 'root', '', 'milk') or die("Connection failed: %s\n" . $conn->error);

            $query = ("SELECT emp\_username, emp\_password FROM employee WHERE emp\_username='" . $emp\_username . "' AND emp\_password='" . $emp\_password . "'");

            $result = mysqli\_query($con, $query);

            $numrows = mysqli\_num\_rows($result);

            if ($numrows != 0) {

                while ($row = mysqli\_fetch\_assoc($result)) {

                    $dbusername = $row['emp\_username'];

                    $dbpassword = $row['emp\_password'];

                }

                if ($emp\_username == $dbusername && $emp\_password == $dbpassword) {

                    session\_start();

                    $\_SESSION['sess\_user'] = $emp\_username;

                    /\* Redirect browser \*/

                    header("Location: adminHome.php");

                }

            } else {

                echo "Invalid username or password!";

            }

        } else {

            echo "All fields are required!";

        }

    }

    ?>

</body>

</html>

userRegistration.php

<!doctype html>

<html>

<head>

    <title>Customer Registration</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

<div class="navbar">

        <a href="userLogin.php">Sign In</a>

        <a href="userRegistration.php">Sign Up</a>

        <a href="adminLogin.php">Admin</a>

    </div>

    <div class="reg\_container">

        <h1>Customer Registration</h1>

        <form action="" method="POST">

            <div>

                <label class="nameLabel">Full Name</label>

                <label class="usernameLabel">Username</label>

            </div>

            <div><input type="text" name="cust\_name" placeholder="" required>

                <input type="text" name="cust\_username" placeholder="" required>

            </div>

            <div>

                <label class="contactLabel">Contact</label>

                <label class="addressLabel">Address</label>

            </div>

            <div>

                <input type="text" name="cust\_contact" placeholder="" required>

                <input type="text" name="cust\_address" placeholder="" required>

            </div>

            <div>

                <label class="emailLabel">Email Address</label>

                <label class="passwordLabel">Password</label>

            </div>

            <div>

                <input type="email" name="cust\_email" placeholder="" required>

                <input type="password" name="cust\_password" placeholder="" required>

            </div>

            <input type="submit" name="submit" value="Register">

            <h3>Already have an account? Sign in <a href="userLogin.php">Here</a>.</h3>

        </form>

        <?php

    if (isset($\_POST["submit"])) {

        if (!empty($\_POST['cust\_username']) && !empty($\_POST['cust\_password'])) {

            $cust\_name = $\_POST['cust\_name'];

            $cust\_username = $\_POST['cust\_username'];

            $cust\_contact = $\_POST['cust\_contact'];

            $cust\_address = $\_POST['cust\_address'];

            $cust\_email = $\_POST['cust\_email'];

            $cust\_password = $\_POST['cust\_password'];

            $con = mysqli\_connect('localhost', 'root', '', 'milk') or die("Connection failed: %s\n" . $conn->error);

            mysqli\_select\_db($con, 'milk') or die("cannot select DB");

            $query = ("SELECT \* FROM customer WHERE cust\_username='" . $cust\_username . "'");

            $result = mysqli\_query($con, $query);

            $numrows = mysqli\_num\_rows($result);

            if ($numrows == 0) {

                $sql = "INSERT INTO customer (cust\_name, cust\_username, cust\_contact, cust\_address, cust\_email, cust\_password) VALUES('$cust\_name','$cust\_username', '$cust\_contact', '$cust\_address', '$cust\_email', '$cust\_password')";

                $result = mysqli\_query($con, $sql);

                if ($result) {

                    echo "Account Successfully Created";

                } else {

                    echo "Failure!";

                }

            } else {

                echo "That username already exists! Please try again with another.";

            }

        } else {

            echo "All fields are required!";

        }

    }

    ?>

    </div>

</body>

</html>

## Code (Employee-Side)

adminAddMenu.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

?>

<!doctype html>

<html>

<head>

    <title>Add Menu Item</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <div class="reg\_container">

        <h1>Create a Menu</h1>

        <form action="" method="POST">

            <div>

                <label class="nameLabel">Item Name</label>

                <label class="usernameLabel">Item Cost</label>

            </div>

            <div><input type="text" name="item\_name" placeholder="" required>

                <input type="text" name="item\_cost" placeholder="" required>

            </div>

            <div>

                <label class="contactLabel">Description</label>

            </div>

            <div>

                <input type ="text" name="item\_description" required>

            </div>

            <input type="submit" name="submit" value="Create">

        </form>

        <?php

        if (isset($\_POST["submit"])) {

            if (!empty($\_POST['item\_name'])) {

                $item\_name = $\_POST['item\_name'];

                $item\_cost = $\_POST['item\_cost'];

                $item\_description = $\_POST['item\_description'];

                $con = mysqli\_connect('localhost', 'root', '', 'milk') or die("Connection failed: %s\n" . $conn->error);

                mysqli\_select\_db($con, 'milk') or die("cannot select DB");

                $query = ("SELECT \* FROM product WHERE item\_name='" . $item\_name . "'");

                $result = mysqli\_query($con, $query);

                $numrows = mysqli\_num\_rows($result);

                if ($numrows == 0) {

                    $sql = "INSERT INTO product (item\_name, item\_cost, item\_description) VALUES('$item\_name','$item\_cost', '$item\_description')";

                    $result = mysqli\_query($con, $sql);

                    if ($result) {

                        echo "Item Successfully Created";

                    } else {

                        echo "Failure!";

                    }

                } else {

                    echo "That item already exists! Please try again with another.";

                }

            } else {

                echo "All fields are required!";

            }

        }

        ?>

    </div>

</body>

</html>

adminCustomerTable.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$sql = "SELECT \* FROM customer";

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

?>

<!doctype html>

<html>

<head>

    <title>Customer Table</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <h1>Customer Table</h1>

    <table>

        <tr>

            <th>ID</th>

            <th>Full Name</th>

            <th>Username</th>

            <th>Contact Number</th>

            <th>Address</th>

            <th>Email</th>

        </tr>

        <?php

        while ($rows = mysqli\_fetch\_array($result)) {

        ?>

            <tr>

                <td><?php echo $rows['customer\_id']; ?></td>

                <td><?php echo $rows['cust\_name']; ?></td>

                <td><?php echo $rows['cust\_username']; ?></td>

                <td><?php echo $rows['cust\_contact']; ?></td>

                <td><?php echo $rows['cust\_address']; ?></td>

                <td><?php echo $rows['cust\_email']; ?></td>

            </tr>

        <?php

        }

        ?>

</body>

</html>

adminEmployeeTable.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$sql = "SELECT \* FROM employee";

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

?>

<!doctype html>

<html>

<head>

    <title>Employee Table</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <h1>Employee Table</h1>

    <table>

        <tr>

            <th>ID</th>

            <th>Full Name</th>

            <th>Username</th>

            <th>Contact Number</th>

            <th>Address</th>

            <th>Email</th>

        </tr>

        <?php

        while ($rows = mysqli\_fetch\_array($result)) {

        ?>

            <tr>

                <td><?php echo $rows['employee\_id']; ?></td>

                <td><?php echo $rows['emp\_name']; ?></td>

                <td><?php echo $rows['emp\_username']; ?></td>

                <td><?php echo $rows['contact']; ?></td>

                <td><?php echo $rows['emp\_address']; ?></td>

                <td><?php echo $rows['emp\_email']; ?></td>

            </tr>

        <?php

        }

        ?>

</body>

</html>

adminHome.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

?>

<!doctype html>

<html>

<head>

    <title>Home</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <h1>Hello, <?= $\_SESSION['sess\_user']; ?>!<br>

        Please use the Navigation bar to browse through the application </h1>

</body>

</html>

adminLogout.php

<?php

session\_start();

 unset($\_SESSION['sess\_user']);

 session\_destroy();

 header("location:adminLogin.php");

?>

adminMenuTable.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$sql = "SELECT \* FROM product";

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

?>

<!doctype html>

<html>

<head>

    <title>Menu Table</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <h1>Menu Table</h1>

    <table>

        <tr>

            <th>ID</th>

            <th>Item Name</th>

            <th>Item Cost</th>

            <th>Descriptions</th>

            <th>Update</th>

            <th>Delete</th>

        </tr>

        <?php

        while ($rows = mysqli\_fetch\_array($result)) {

        ?>

            <tr>

                <td><?php echo $rows['item\_id']; ?></td>

                <td><?php echo $rows['item\_name']; ?></td>

                <td><?php echo $rows['item\_cost']; ?></td>

                <td><?php echo $rows['item\_description']; ?></td>

                <td><a href="editProduct.php?id=<?php echo $rows['item\_id']; ?>">Edit</a></td>

                <td><a href="deleteProduct.php?id=<?php echo $rows["item\_id"]; ?>">Delete</a><td>

            </tr>

        <?php

        }

        ?>

</body>

</html>

adminRegistration.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

?>

<!doctype html>

<html>

<head>

    <title>Employee Registration</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <div class="reg\_container">

        <h1>Employee Registration</h1>

        <form action="" method="POST">

            <div>

                <label class="nameLabel">Full Name</label>

                <label class="usernameLabel">Username</label>

            </div>

            <div><input type="text" name="emp\_name" placeholder="" required>

                <input type="text" name="emp\_username" placeholder="" required>

            </div>

            <div>

                <label class="contactLabel">Contact</label>

                <label class="addressLabel">Address</label>

            </div>

            <div>

                <input type="text" name="emp\_contact" placeholder="" required>

                <input type="text" name="emp\_address" placeholder="" required>

            </div>

            <div>

                <label class="emailLabel">Email Address</label>

                <label class="passwordLabel">Password</label>

            </div>

            <div>

                <input type="email" name="emp\_email" placeholder="" required>

                <input type="password" name="emp\_password" placeholder="" required>

            </div>

            <input type="submit" name="submit" value="Register">

        </form>

        <?php

        if (isset($\_POST["submit"])) {

            if (!empty($\_POST['emp\_username']) && !empty($\_POST['emp\_password'])) {

                $emp\_name = $\_POST['emp\_name'];

                $emp\_username = $\_POST['emp\_username'];

                $emp\_contact = $\_POST['emp\_contact'];

                $emp\_address = $\_POST['emp\_address'];

                $emp\_email = $\_POST['emp\_email'];

                $emp\_password = $\_POST['emp\_password'];

                $con = mysqli\_connect('localhost', 'root', '', 'milk') or die("Connection failed: %s\n" . $conn->error);

                mysqli\_select\_db($con, 'milk') or die("cannot select DB");

                $query = ("SELECT \* FROM employee WHERE emp\_username='" . $emp\_username . "'");

                $result = mysqli\_query($con, $query);

                $numrows = mysqli\_num\_rows($result);

                if ($numrows == 0) {

                    $sql = "INSERT INTO employee (emp\_name, emp\_username, contact, emp\_address, emp\_email, emp\_password) VALUES('$emp\_name','$emp\_username', '$emp\_contact', '$emp\_address', '$emp\_email', '$emp\_password')";

                    $result = mysqli\_query($con, $sql);

                    if ($result) {

                        echo "Account Successfully Created";

                    } else {

                        echo "Failure!";

                    }

                } else {

                    echo "That username already exists! Please try again with another.";

                }

            } else {

                echo "All fields are required!";

            }

        }

        ?>

    </div>

</body>

</html>

adminOrderTable.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$sql = "SELECT \* FROM order\_item";

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

$rows = mysqli\_fetch\_array($result);

?>

<!doctype html>

<html>

<head>

    <title>Order Table</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="adminOrderTable.php">Order Table</a>

        <div class="dropdown">

            <button class="dropbtn">Menu

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminAddMenu.php">Add Menu</a>

                <a href="adminMenuTable.php">View Menu Table Table</a>

            </div>

        </div>

        <a href="adminCustomerTable.php">Customer Table</a>

        <div class="dropdown">

            <button class="dropbtn">Employee

                <i class="fa fa-caret-down"></i>

            </button>

            <div class="dropdown-content">

                <a href="adminRegistration.php">Add Employee</a>

                <a href="adminEmployeeTable.php">View Employee Table</a>

            </div>

        </div>

        <a href="adminLogout.php">Log Out</a>

    </div>

    <h1>Order Table</h1>

    <table>

        <tr>

            <th>Order ID</th>

            <th>Username</th>

            <th>Item Name</th>

            <th>Address</th>

            <th>Contact</th>

            <th>Quantity</th>

            <th>Status</th>

            <th>Edit</th>

            <th>Delete</th>

        </tr>

        <?php

        while ($rows = mysqli\_fetch\_array($result)) {

        ?>

            <tr>

                <td><?php echo $rows['order\_id']; ?></td>

                <td><?php echo $rows['username']; ?></td>

                <td><?php echo $rows['item\_name']; ?></td>

                <td><?php echo $rows['address']; ?></td>

                <td><?php echo $rows['contact']; ?></td>

                <td><?php echo $rows['quantity']; ?></td>

                <td><?php echo $rows['status']; ?></td>

                <td><a href="edit.php?id=<?php echo $rows['order\_id']; ?>">Edit</a></td>

                <td><a href="delete.php?id=<?php echo $rows["order\_id"]; ?>">Delete</a><td>

            </tr>

        <?php

        }

        ?>

</body>

</html>

delete.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$id = $\_GET['id'];

$query= "delete from order\_item WHERE order\_id=$id";

$result = mysqli\_query($conn,$query) or die ("cannot select DB");

header('Location:adminOrderTable.php');

?>

deleteProduct.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$id = $\_GET['id'];

$query= "delete from product WHERE item\_id=$id";

$result = mysqli\_query($conn,$query) or die ("cannot select DB");

header('Location:adminMenuTable.php');

?>

edit.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$id = $\_GET['id'];

$query = mysqli\_query($conn, "SELECT \* FROM order\_item WHERE order\_id ='$id'");

$row = mysqli\_fetch\_array($query);

?>

<!doctype html>

<html>

<head>

    <title>Update Order Status</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="reg\_container">

        <h1>Update Order Status</h1>

        <form method="POST" action="update.php?id=<?php echo $id; ?>">

            <div>

                <label class="nameLabel"></label>

            </div>

            <div>

                <input type="text" value="<?php echo $row['status'];?>" name="status">

            </div>

            <input type="submit" name="update" value="Update">

        </form>

    </div>

</body>

</html>

editProduct.php

<?php

session\_start();

if (!isset($\_SESSION['sess\_user'])) {

    header("location:adminLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$id = $\_GET['id'];

$query = mysqli\_query($conn, "SELECT \* FROM product WHERE item\_id ='$id'");

$row = mysqli\_fetch\_array($query);

?>

<!doctype html>

<html>

<head>

    <title>Update Order Status</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="reg\_container">

        <h1>Update Order Status</h1>

        <form method="POST" action="updateProduct.php?id=<?php echo $id; ?>">

            <div>

                <label class="nameLabel"></label>

            </div>

            <div>

                <input type="text" value="<?php echo $row['item\_cost'];?>" name="item\_cost">

            </div>

            <input type="submit" name="update" value="Update">

        </form>

    </div>

</body>

</html>

update.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$id = $\_GET['id'];

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

mysqli\_query($conn, "update order\_item set status ='$status' where order\_id='$id'");

header('location:adminOrderTable.php');

?>

updateProduct.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$id = $\_GET['id'];

$item\_cost = $\_POST['item\_cost'];

mysqli\_query($conn, "update product set item\_cost ='$item\_cost' where item\_id='$id'");

header('location:adminMenuTable.php');

?>

## Code (Customer-Side)

userHome.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$username = $\_SESSION['sess\_user'];

$sql = "SELECT \* FROM order\_item where username = '$username'";

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

?>

<!doctype html>

<html>

<head>

    <title>Home</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="userMenu.php">Menu</a>

        <a href="userOrderForm.php">Make an Order</a>

        <a href="logout.php">Log Out</a>

    </div>

    <h1>Welcome to DairyWorld</h1>

    <h1>Hello, <?= $\_SESSION['sess\_user']; ?>!</h1>

    <table>

        <tr>

            <!-- <th>ID</th> -->

            <th>Username</th>

            <th>Item Name</th>

            <th>Address</th>

            <th>Contact</th>

            <th>Quantity</th>

            <th>Status</th>

            <th>Delete</th>

        </tr>

        <?php

        while ($rows = mysqli\_fetch\_array($result)) {

        ?>

            <tr>

                <td><?php echo $rows['username']; ?></td>

                <td><?php echo $rows['item\_name']; ?></td>

                <td><?php echo $rows['address']; ?></td>

                <td><?php echo $rows['contact']; ?></td>

                <td><?php echo $rows['quantity']; ?></td>

                <td><?php echo $rows['status']; ?></td>

                <td><a href="delete.php?id=<?php echo $rows["order\_id"]; ?>">Delete</a><td>

            </tr>

        <?php

        }

        ?>

</body>

</html>

userMenu.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$sql = "SELECT \* from product";

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

?>

<!doctype html>

<html>

<head>

    <title>Home</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css?v=<?php echo time(); ?>">

</head>

<body>

    <div class="navbar">

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

        <a href="userMenu.php">Menu</a>

        <a href="userOrderForm.php">Make an Order</a>

        <a href="logout.php">Log Out</a>

    </div>

<h1>Please take a look at what we have to offer on our Menu</h1>

    <section>

        <?php

        while ($rows = mysqli\_fetch\_array($result)) {

        ?>

            <article>

                <h4>Item Name: <?php echo $rows['item\_name']; ?><br><br>

                    Cost: <?php echo $rows['item\_cost']; ?><br><br>

                    <?php echo $rows['item\_description']; ?><h4>

            </article>

        <?php

        }

        ?>

    </section>

</body>

</html>

userOrderForm.php

<?php

session\_start();

if (!isset($\_SESSION["sess\_user"])) {

    header("location:userLogin.php");

}

$dbhost = "localhost";

$dbuser = "root";

$dbpass = "";

$db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

if ($conn === false) {

    die("ERROR: Could not connect. "

        . mysqli\_connect\_error());

}

$sql1 = "SELECT \* FROM product";

$result1 = $conn->query($sql1);

?>

<!doctype html>

<html>

<head>

    <title>Order Page</title>

    <meta name="viewport" content="width=device-width, initial-scale-1.0">

    <link rel="stylesheet" href="style.css">

</head>

<body>

    <div class="navbar">

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

        <a href="userMenu.php">Menu</a>

        <a href="userOrderForm.php">Make an Order</a>

        <a href="logout.php">Log Out</a>

    </div>

    <body>

        <div class="reg\_container">

            <h1>Make an Order</h1>

            <form action="" method="POST">

                <div>

                    <label class="nameLabel">Username</label>

                    <label class="usernameLabel">Item Name</label>

                </div>

                <div><input type="text" name="username" placeholder="" required>

                    <select class="custom-select" style="width:200px;" name="milk">

                        <?php while ($row1 = mysqli\_fetch\_array($result1)) :; ?>

                            <option><?php echo $row1[1] ?></option>

                        <?php endwhile ?>

                    </select>

                </div>

                <div>

                    <label class="contactLabel">Address</label>

                    <label class="addressLabel">Contact</label>

                </div>

                <div>

                    <input type="text" name="address" placeholder="" required>

                    <input type="text" name="contact" placeholder="" required>

                </div>

                <div>

                    <label class="emailLabel">Quantity</label>

                </div>

                <div>

                    <input type="number" name="quantity" placeholder="" required>

                </div>

                <input type="submit" name="submit" value="Create">

            </form>

            <?php

            $dbhost = "localhost";

            $dbuser = "root";

            $dbpass = "";

            $db = "milk";

            $conn = new mysqli($dbhost, $dbuser, $dbpass, $db);

            if ($conn === false) {

                die("ERROR: Could not connect. "

                    . mysqli\_connect\_error());

            }

            if (isset($\_POST["submit"])) {

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

                $item\_name = $\_POST['milk'];

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

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

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

                $conn = mysqli\_connect('localhost', 'root', '', 'milk') or die("Connection failed: %s\n" . $conn->error);

                mysqli\_select\_db($conn, 'milk') or die("cannot select DB");

                $sql = "INSERT INTO order\_item (username, item\_name, address, contact, quantity) VALUES('$username','$item\_name', '$address', '$contact', '$quantity')";

                if (mysqli\_query($conn, $sql)) {

                    echo "Your Order as been Created. Please go to the home screen to view details.";

                } else {

                    echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

                }

                mysqli\_close($conn);

            }

            ?>

    </body>

</html>

## Misc:

Index.php

<?php

    include 'db\_connection.php';

    $conn = OpenCon();

    echo "Connected Successfully";

    CloseCon($conn);

?>

Db\_connect.php

<?php

 function OpenCon()

 {

 $dbhost = "localhost";

 $dbuser = "root";

 $dbpass = "";

 $db = "milk";

$conn = new mysqli($dbhost, $dbuser, $dbpass,$db) or die("Connect

failed: %s\n". $conn -> error);

return $conn;

 }

 function CloseCon($conn){

 $conn -> close();

 }

 ?>

Style.css

body {

        margin: 0;

        padding: 0;

        background-color: lightblue;

    }

    /\*------------------------- h tags ------------------------\*/

    h1 {

        text-align: center;

        margin-top: 100px;

    }

    h2 {

        text-align: center;

        margin-top: 50px;

    }

    h3 {

        text-align: center;

        margin-top: 50px;

    }

    /\*------------------------- h tags ------------------------\*/

    /\*------------------------- navigaton --------------------------\*/

    .navbar {

        overflow: hidden;

        background-color: #333;

    }

    .navbar a {

        float: left;

        font-size: 16px;

        color: white;

        text-align: center;

        padding: 14px 16px;

        text-decoration: none;

    }

    .dropdown {

        float: left;

        overflow: hidden;

    }

    .dropdown .dropbtn {

        font-size: 16px;

        border: none;

        outline: none;

        color: white;

        padding: 14px 16px;

        background-color: inherit;

        font-family: inherit;

        margin: 0;

    }

    .navbar a:hover,

    .dropdown:hover .dropbtn {

        background-color: red;

    }

    .dropdown-content {

        display: none;

        position: absolute;

        background-color: #f9f9f9;

        min-width: 160px;

        box-shadow: 0px 8px 16px 0px rgba(0, 0, 0, 0.2);

        z-index: 1;

    }

    .dropdown-content a {

        float: none;

        color: black;

        padding: 12px 16px;

        text-decoration: none;

        display: block;

        text-align: left;

    }

    .dropdown-content a:hover {

        background-color: #ddd;

    }

    .dropdown:hover .dropdown-content {

        display: block;

    }

    /\*------------------------- label classes ------------------------\*/

    .nameLabel {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 20px;

    }

    .usernameLabel {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 185px;

    }

    .contactLabel {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 20px;

    }

    .addressLabel {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 208px;

    }

    .addressLabel1 {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 208px;

    }

    .emailLabel {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 20px;

    }

    .passwordLabel {

        font-size: 20px;

        font-family: times, "Times New Roman";

        margin-left: 154px;

    }

    /\*------------------------- label classes ------------------------\*/

    /\*------------------------- div tags ------------------------\*/

    .login\_container {

        margin: auto;

        margin-top: 10%;

        width: 30%;

        background-color: white;

        text-align: center;

        height: 10%;

        border-radius: 1pc;

    }

    .reg\_container {

        margin: auto;

        margin-top: 10%;

        width: 39%;

        background-color: white;

        /\* text-align: center; \*/

        height: 10%;

        border-radius: 1pc;

    }

    /\*------------------------- div tags ------------------------\*/

    /\*------------------------- input fields (Customer Login) ------------------------\*/

    textarea {

        width: 100%;

        height: 150px;

        padding: 12px 20px;

        box-sizing: border-box;

        border: 2px solid #ccc;

        border-radius: 4px;

        background-color: #f8f8f8;

        font-size: 16px;

        resize: none;

    }

    input[type="text"] {

        height: 30px;

        font-family: times, "Times New Roman";

        font-size: 20px;

        margin-bottom: 30px;

        margin-left: 20px;

    }

    input[type="number"] {

        height: 30px;

        font-family: times, "Times New Roman";

        font-size: 20px;

        margin-bottom: 30px;

        margin-left: 20px;

    }

    input[type="password"] {

        height: 30px;

        font-family: times, "Times New Roman";

        font-size: 20px;

        margin-bottom: 20px;

        margin-left: 20px;

    }

    input[type="email"] {

        height: 30px;

        font-family: times, "Times New Roman";

        font-size: 20px;

        margin-bottom: 20px;

        margin-left: 20px;

    }

    input[type="submit"] {

        font-family: "Times New Roman";

        font-size: 20px;

        display: block;

        margin: auto;

    }

    /\*------------------------- input fields (Customer Login) ------------------------\*/

    /\*------------------------- input fields (Customer Registration) ------------------------\*/

    /\*------------------------- table tags -----------------------------\*/

    table {

        margin: auto;

        margin-top: 10%;

        width: 100%;

        font-size: 30px;

    }

    th {

        background-color: grey

    }

    #one {

        text-align: center;

        vertical-align: middle;

    }

    table,

    th,

    td {

        border: 1px black solid;

        border-collapse: collapse;

    }

    /\*------------------------- table tags -----------------------------\*/

    /\*------------------------- Option CSS ------------------------\*/

    .custom-select {

        margin-left: 20px;

        height: 30px;

        position: relative;

        font-family: Arial;

        background-color: DodgerBlue;

        font-family: "Times New Roman";

        font-size: 20px;

    }

    .custom-select select {

        display: none;

        /\*hide original SELECT element:\*/

    }

    .select-selected {

        background-color: Green;

    }

    .select-selected:after {

        position: absolute;

        content: "";

        top: 14px;

        right: 10px;

        width: 0;

        height: 0;

        border: 6px solid transparent;

        border-color: #fff transparent transparent transparent;

    }

    .select-selected.select-arrow-active:after {

        border-color: transparent transparent #fff transparent;

        top: 7px;

    }

    .select-items div,

    .select-selected {

        color: #ffffff;

        padding: 8px 16px;

        border: 1px solid transparent;

        border-color: transparent transparent rgba(0, 0, 0, 0.1) transparent;

        cursor: pointer;

        user-select: none;

    }

    .select-items {

        position: absolute;

        background-color: DodgerBlue;

        top: 100%;

        left: 0;

        right: 0;

        z-index: 99;

    }

    .select-hide {

        display: none;

    }

    .select-items div:hover,

    .same-as-selected {

        background-color: rgba(0, 0, 0, 0.1);

    }

    /\*------------------------- Option CSS ------------------------\*/

    /\*-------------- Flexbox Code for Displaying Menu -------------\*/

    article {

        padding: 10px;

        margin: 10px;

        background: DodgerBlue;

        flex: 300px;

    }

    section {

        display: flex;

        flex-direction: row;

        flex-wrap: wrap;

        font-size: 30px;

        line-height: 40px;

        text-align: center;

    }

    /\*-------------- Flexbox Code for Displaying Menu -------------\*/