|  |  |
| --- | --- |
| **Logo_Baru-Rasmi_UUM_02** | STIj307444: Web Programming Semester A211School of Computing, CAS, UUM |
| **Lab 2** | |
| |  |  | | --- | --- | | **Name** | MUHAMMAD AMINNUR ARIF BIN MOHD RAZMI | | **Matric Number** | 273698 | | **Project Title** | Dainty Bites (Food Business) | | **Phone Number** | 0179061876 | | **Project GitHub Link** | https://github.com/Aminnur00/STIJ3074\_Lab2 | | **YouTube Presentation Link** | https://www.youtube.com/watch?v=6HhaXqb0H9Q | | **Submission Date** | 4/12/2021 | | **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. | | **Digital Signature** |  | | **Email use during book purchase** | aminnur.arif44@gmail.com | | **Your digital key from the book purchase** | **.taovjoMT40.** | | | |

# 1. DESCRIPTION OF BUSINESS

The business that I choose for this lab assignment is Dainty Bites which is a food business managed by my sister, Miss Nadrahtul Amirah and it was established in January 2020. This business does not have a physical store and all the process from cooking to selling are made from home. She decides to run this business as her side jobs to earn extra income. So, whenever she has a free time, she will start to open order several types of food such as brownies, cookies, chocolate jars, fruit juice and tauhu bergedil. The platform for this business is by using social media to market the product such as Facebook, Instagram and WhatsApp. The method of selling is by pickup at home, delivery, or cash on delivery. In addition, she will sell tauhu bergedil and fruit juice at Car Boot Sales that held on every Saturday at Dataran Temerloh and at local night market every Monday.

A person wearing glasses

Description automatically generated with low confidence

Figure 1 Owner Dainty Bites, Miss Nadrahtul Amirah

A picture containing text, counter, sale

Description automatically generated

Figure 2 Selling at Car Boot Sales

A picture containing outdoor, cart

Description automatically generated

Figure 3 Selling at local night market

A picture containing text, indoor, food, dish

Description automatically generated

Figure 4 Picture of Tauhu Bergedil

A picture containing text, indoor

Description automatically generated

Figure 5 Picture of fruit juice, Ayaq World

# 2. APPLICATION REQUIREMENT LIST

Listed below are the functional requirements and non-functional requirements of the system. In the priority column, the following short hands are used:

**M**-mandatory requirements

**D**- desirable requirements

**O**-optional requirements

**2.1 Functional Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Requirement ID** | **Requirement Description** | **Priority** |
|  | **DBL\_01** | **Register System** |  |
| 1. | DBL\_01\_01 | The shop owner and visitor can click on the “Sign Up” button. | M |
| 2. | DBL \_01\_02 | System will display a register screen that allow the shop owner and visitor to fill in their details:-   1. Email 2. Password | M |
| 3. | DBL \_01\_03 | The shop owner and visitor can fill the information and click on the “Sign Up” button. | M |
| 4. | DBL \_01\_04 | System will show the message “Sign Up Successful. Please log in.” | M |
| 5. | DBL \_01\_05 | The shop owner and visitor will be registered, and their details are added into the database. | M |
|  | | | |
|  | **DBL\_02** | **Login System** |  |
| 6. | DBL\_02\_01 | The shop owner and visitor can click on the “Log In” button. | M |
| 7. | DBL \_02\_02 | System will display a log in screen that allow shop owner and visitor to fill in their information:-  A. Email  B. Password | M |
| 8. | DBL \_02\_03 | The shop owner and visitor can fill the information and click on the “Log In” button. | M |
| 9. | DBL \_02\_04 | System will show the message “Log In Successful.” if the details is correct and show “Log In Failed” if the details is incorrect. | M |
| 10. | DBL \_02\_05 | System will redirect the page in to the landing page of the website. | M |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **DBL\_03** | **Manage Shop** |  |
| 11. | DBL\_03\_01 | The shop owner can register his/her shop information. | M |
| 12. | DBL \_03\_02 | The shop owner can add food information. | D |
| 13. | DBL \_03\_03 | The shop owner can update food information. | D |
| 14. | DBL\_03\_04 | The shop owner can delete food information. | D |
|  | | | |
|  | **DBL\_04** | **Manage Visitor** |  |
| 15. | DBL\_04\_01 | The visitor can register their information. | M |
| 16. | DBL \_04\_02 | The visitor can update their information. | D |
| 17. | DBL \_04\_03 | The visitor can delete their information. | D |
| 18. | DBL \_04\_04 | The visitor can make order. | D |
| 19. | DBL \_04\_05 | The customer can view their purchase history. | D |

**2.2 Non-Functional Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Requirement ID** | **Requirement Description** | **Priority** |
|  | **DBL\_05** | **Performance** |  |
| 20. | DBL\_05\_01 | Any interaction between pages to another page should not exceed 2 seconds. | M |
|  | **DBL \_06** | **Security** |  |
| 21. | DBL \_06\_01 | Only the shop owner can view the details of the visitor. | M |
|  | **DBL \_07** | **Usability** |  |
| 22. | DBL \_07\_01 | System should be easy to use and convenient to user. | M |

# 3.1 REGISTER PAGE SKETCH DESIGN

## 3.1.1 Desktop view Register Page Sketch Design

Graphical user interface, PowerPoint

Description automatically generated

Figure 6 Desktop View of Register Page Sketch Design

## 3.1.2 Mobile view Register Page Sketch Design

A picture containing graphical user interface

Description automatically generated

## 

Figure 7 Mobile view of Register Page Sketch Design

# 3.2 LOGIN PAGE SKETCH DESIGN

## 3.2.1 Desktop view Login Page Sketch Design

Graphical user interface, PowerPoint

Description automatically generated

Figure 8 Desktop view Login Page Sketch Design

## 3.2.2 Mobile view Login Page Sketch Design

Graphical user interface, application

Description automatically generated

Figure 9 Mobile view Login Page Sketch Design

# 4.1 ACTUAL REGISTER PAGE DESIGN

## 4.1.1Desktop view of Register Page

A picture containing text

Description automatically generated

Figure 10 Desktop view of Register Page

## 4.1.2 Mobile view of Register Page

## Text Description automatically generated

Figure 11 Mobile view of Register Page

# 4.2 ACTUAL LOGIN PAGE DESIGN

## 4.2.1 Desktop view of Login Page

A picture containing text

Description automatically generated

Figure 12 Desktop view of Login Page

## Text Description automatically generated4.2.2 Mobile view of Login Page

Figure 13 Mobile view of Login Page

# 5. SOURCE CODE

## Code for register.php

<?php

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

    include 'dbconnect.php';

    if(isset($\_POST['submit'])){

        $email = $\_POST["email"];

        $pass = sha1($\_POST["password"]);

//Check if the email is already exist

        $sql = "SELECT COUNT(email) AS num FROM users WHERE email = :email";

        $stmt = $conn->prepare($sql);

        $stmt->bindValue(':email', $email);

        $stmt->execute();

        $row = $stmt->fetch(PDO::FETCH\_ASSOC);

        if($row['num'] > 0){

            echo '<script>alert("Email already exists. Please login or use another email ")</script>';

       }

      else{

//Insert the input into the database

        $sql = "INSERT INTO users (email, password) VALUES (?,?)";

        $stmt = $conn->prepare($sql);

        $result = $stmt->execute([$email, $pass]);

        if ($result) {

            echo "<script>alert('Successfuly Sign Up. Please Log In');</script>";

            echo '<script>window.location.replace("login.php")</script>';

        } else {

            echo "<script>alert('Sign Up Failed');</script>";

        }

        }

    }

}

?>

<!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="style/style.css">

    <script>

         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", "");

            }

        }

    </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;

            }

        }

        .bgimg1 {

            background-position: center;

            background-size: cover;

            background-image: url("header.jpg");

            min-height: 75%;

        }

    </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="index.html" class="w3-bar-item w3-button">DAINTY BITES</a>

        <a href="login.php" class="w3-bar-item w3-button w3-hide-small w3-right">Login</a>

        <a href="register.php" class="w3-bar-item w3-button w3-hide-small w3-right">Sign Up</a>

        <a href="#location" class="w3-bar-item w3-button w3-hide-small w3-right">LOCATION</a>

        <a href="#contact" class="w3-bar-item w3-button w3-hide-small w3-right">CONTACT US</a>

        <a href="#menu" class="w3-bar-item w3-button w3-hide-small w3-right">MENU</a>

        <a href="#about" class="w3-bar-item w3-button w3-hide-small w3-right">ABOUT US</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="#about" class="w3-bar-item w3-button w3-center">ABOUT US</a>

        <a href="#menu" class="w3-bar-item w3-button w3-center">MENU</a>

        <a href="#contact" class="w3-bar-item w3-button w3-center">CONTACT US</a>

        <a href="#location" class="w3-bar-item w3-button w3-center">LOCATION</a>

        <a href="login.php" class="w3-bar-item w3-button w3-center">Login</a>

        <a href="register.php" class="w3-bar-item w3-button w3-center">Sign Up</a>

    </div>

    <!--Page Header-->

    <header id="header" class="bgimg1 w3-display-container w3-greyscale-min">

        <div class="w3-display-middle w3-center">

            <h1 class="w3-text-black" style="font-size: calc(30px + 5vw);" style="text-shadow: 1px 1px #444;">Dainty Bites<br></h1>

            <h5 class="w3-cursive w3-text-black" style="font-size: calc(10px + 4vw);" style="text-shadow: 1px 1px #444;">-Delight in every bite-</h5>

        </div>

        <div class="w3-display-bottomright w3-center w3-padding-large w3-hide-small">

            <h4 class="w3-text-white w3-tag">Available at Temerloh and nearby area</h4>

        </div>

        <div class="w3-display-bottomleft w3-center w3-padding-large w3-hide-small">

            <h4 class="w3-text-white w3-tag">Contact us to make order</h4>

        </div>

      </header>

    </div>

    <!--Sign UP Form-->

    <div class="w3-container w3-padding-64 form-container">

        <div class="w3-card w3-round">

            <div class="w3-container w3-sand w3-round">

                <h2>Sign Up</h2>

                <p>Welcome to Dainty Bites! Please fill in this form to create an account.</p>

    </div>

        <form name="signupForm" class="w3-container" action="register.php" method="post">

            <p>

                <label class="w3-text-black"><b>Email</b></label>

                <input class="w3-input w3-border w3-round" name="email" type="email" id="idremail" required>

            </p>

            <p>

                <label class="w3-text-black"><b>Password</b></label>

                <input class="w3-input w3-border w3-round" name="password" type="password" id="idrpassword" >

            </p>

            <p>

                <label class="w3-text-black"><b>Repeat Password</b></label>

                <input class="w3-input w3-border w3-round" name="password1" type="password" id="idrpassword1" >

            </p>

            <p>By creating an account you agree to our <a style="color:#115cfa;" href="/privacy-policy">Privacy Policy</a></p>            </p>

            <p>

                <button class='w3-btn w3-round w3-sand w3-block' name="submit">Sign Up</button>

            </p>

            <p>Have an account? <a href="login.php">Log in</a></p>

    </form>

    </div>

    </div>

<!--Footer-->

<footer class="w3-container w3-center w3-sand">

    <p>Copyright: Dainty Bites</p>

</footer>

    </body>

</html>

## Code for login.php

<!--Database Section-->

<?php

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

    include 'dbconnect.php';

    $email = $\_POST["email"];

    $pass = sha1($\_POST["password"]);

    $stmt = $conn->prepare("SELECT \* FROM users WHERE email = '$email' AND password = '$pass'");

    $stmt->execute();

    $number\_of\_rows = $stmt->fetchColumn();

    if ($number\_of\_rows > 0) {

        echo "<script>alert('Login Success');</script>";

        echo '<script>window.location.replace("index.html")</script>';

    } else {

        echo "<script>alert('Login Failed');</script>";

    }

    }

?>

<!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="style/style.css">

    <script src= "javascript/script.js"></script>

    <script>

         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", "");

            }

        }

    </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;

            }

        }

        .bgimg1 {

            background-position: center;

            background-size: cover;

            background-image: url("header.jpg");

            min-height: 75%;

        }

    </style>

    <title>Dainty Bites</title>

</head>

<body onload="loadCookies()">

    <!--Navbar on top-->

    <div class ="w3-bar w3-sand w3-padding w3-card" style="letter-spacing: 3px;">

        <a href="index.html" class="w3-bar-item w3-button">DAINTY BITES</a>

        <a href="login.php" class="w3-bar-item w3-button w3-hide-small w3-right">Login</a>

        <a href="register.php" class="w3-bar-item w3-button w3-hide-small w3-right">Sign Up</a>

        <a href="#location" class="w3-bar-item w3-button w3-hide-small w3-right">LOCATION</a>

        <a href="#contact" class="w3-bar-item w3-button w3-hide-small w3-right">CONTACT US</a>

        <a href="#menu" class="w3-bar-item w3-button w3-hide-small w3-right">MENU</a>

        <a href="#about" class="w3-bar-item w3-button w3-hide-small w3-right">ABOUT US</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="#about" class="w3-bar-item w3-button w3-center">ABOUT US</a>

        <a href="#menu" class="w3-bar-item w3-button w3-center">MENU</a>

        <a href="#contact" class="w3-bar-item w3-button w3-center">CONTACT US</a>

        <a href="#location" class="w3-bar-item w3-button w3-center">LOCATION</a>

        <a href="login.php" class="w3-bar-item w3-button w3-center">Login</a>

        <a href="register.php" class="w3-bar-item w3-button w3-center">Sign Up</a>

    </div>

    <!--Page Header-->

    <header id="header" class="bgimg1 w3-display-container w3-greyscale-min">

        <div class="w3-display-middle w3-center">

            <h1 class="w3-text-black" style="font-size: calc(30px + 5vw);" style="text-shadow: 1px 1px #444;">Dainty Bites<br></h1>

            <h5 class="w3-cursive w3-text-black" style="font-size: calc(10px + 4vw);" style="text-shadow: 1px 1px #444;">-Delight in every bite-</h5>

        </div>

        <div class="w3-display-bottomright w3-center w3-padding-large w3-hide-small">

            <h4 class="w3-text-white w3-tag">Available at Temerloh and nearby area</h4>

        </div>

        <div class="w3-display-bottomleft w3-center w3-padding-large w3-hide-small">

            <h4 class="w3-text-white w3-tag">Contact us to make order</h4>

        </div>

      </header>

    </div>

    <!--Login Form-->

    <div class="w3-container w3-padding-64 form-container">

        <div class="w3-card w3-round">

            <div class="w3-container w3-sand w3-round">

                <h2>Login</h2>

                <p>Welcome to Dainty Bites! Please Login.</p>

    </div>

        <form name="loginForm" class="w3-container" action="login.php" method="post">

            <p>

                <label class="w3-text-black"><b>Email</b></label>

                <input class="w3-input w3-border w3-round" name="email" type="email" id="idemail" required>

            </p>

            <p>

                <label class="w3-text-black"><b>Password</b></label>

                <input class="w3-input w3-border w3-round" name="password" type="password" id="idpassword" required>

            </p>

            <p>

                <input class="w3-check" name="remember" type="checkbox" id="idremember" onclick="rememberMe()" >

                <label class="w3-text-black"><b>Remember Me</b></label>

            </p>

            <p>

                <button class='w3-btn w3-round w3-sand w3-block' name="submit">Login</button>

            </p>

            <p>New user? <a href="register.php">Sign Up</a></p>

    </form>

    </div>

    </div>

<!--Footer-->

<footer class="w3-container w3-center w3-sand">

    <p>Copyright: Dainty Bites</p>

</footer>

<!--Accept Cookie-->

<div id="cookieNotice" class="w3-right w3-block" style="display: none;">

<div class="w3-sand">

    <h4>Cookie Consent</h4>

    <p>This website uses cookies or similar technologies, to enhance your browsing experience and provide personalized recommedations.

        By continuing to use our website, you aggre to output\_reset\_rewrite\_vars

        <a style="color:#115cfa;" href="/privacy-policy">Privacy Policy</a></p>

        <div class="w3-button">

            <button onclick="acceptCookieConsent();">Accept</button>

    </div>

    </div>

<!--Cookie Consent-->

    <script>

        let cookie\_consent = getCookie("user\_cookie\_consent");

        if (cookie\_consent != ""){

            document.getElementById("cookieNotice").style.display = "none";

        } else {

            document.getElementById("cookieNotice").style.display = "block";

        }

        </script>

    </body>

</html>

## Code for dbconnect.php

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "lab\_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();

}

?>

## Code for style.css

@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;

    }

}

## Code for script.js

function rememberMe() {

    var rememberme = document.forms["loginForm"]["idremember"].checked;

    var email = document.forms["loginForm"]["idemail"].value;

    var password = document.forms["loginForm"]["idpassword"].value;

    console.log("Form data:" + rememberme + "," + email + "," + password);

    if (!rememberme) {

        setCookies("cemail", "", 0);

        setCookies("cpassword", "", 0);

        setCookies("crem", false, 0);

        document.forms["loginForm"]["idemail"].value = "";

        document.forms["loginForm"]["idpassword"].value = "";

        document.forms["loginForm"]["idremember"].checked = false;

        alert("Credentials removed");

    } else {

        if (email == "" && password == "") {

            document.forms["loginForm"]["idremember"].checked = false;

            alert("Please enter your credentials");

            return false;

        } else {

            setCookies("cemail", email, 30);

            setCookies("cpassword", password, 30);

            setCookies("crem", rememberme, 30);

            alert("Credentials Stored Success");

        }

    }

}

function setCookies(cookiename, cookiedata, exdays) {

    var d = new Date();

    d.setTime(d.getTime() + (exdays \* 24 \* 60 \* 60 \* 1000));

    var expires = "expires=" + d.toUTCString();

    document.cookie = cookiename + "=" + cookiedata + ";" + expires + ";path=/";

}

function loadCookies(){

    var username = getCookie("cemail");

    var password = getCookie("cpassword");

    var rememberme = getCookie("crem");

    console.log("COOKIES:" + username, password, rememberme);

    document.forms["loginForm"]["idemail"].value = username;

    document.forms["loginForm"]["idpassword"].value = password;

    if (rememberme) {

        document.forms["loginForm"]["idremember"].checked = true;

    } else {

        document.forms["loginForm"]["idremember"].checked = false;

    }

}

function getCookie(cname) {

    var name = cname + "=";

    var decodedCookie = decodeURIComponent(document.cookie);

    var ca = decodedCookie.split(';');

    for (var i = 0; i < ca.length; i++) {

        var c = ca[i];

        while (c.charAt(0) == ' '){

            c = c.substring(1);

        }

        if (c.indexOf(name) == 0){

            return c.substring(name.length, c.length);

        }

    }

    return "";

}

function deleteCookie(cname) {

    const d = new Date();

    d.setTime(d.getTime() + (24 \* 60 \* 60 \* 1000));

    let expires = "expires=" + d.toUTCString();

    document.cookie = cname + "=;" + expires + ";path=/";

}

function acceptCookieConsent() {

    deleteCookie('user\_cookie\_consent');

    setCookies('user\_cookie\_consent', 1, 30);

    document.getElementById("cookieNotice").style.display = "none";

}

# 6. DATABASE phpMyAdmin SCREENSHOT

## 6.1 Inside lab\_db database

Graphical user interface, text, application, email

Description automatically generated

Figure 14 Inside lab\_db database

## 6.2 Inside users table

Graphical user interface, application

Description automatically generated

Figure 15 Data stored in users table

## 6.3 Type of data

Graphical user interface, text, application, email

Description automatically generated

Figure 16 Table Structure