Project: A Bakery Website

Course name = I.T.C

Semester = 1st semester

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University = Shaheed Zulfikar Ali Bhutto Institute of Science and Technology **(Szabist)**

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Group Number 12

Group Members,

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Project Repository (GitHub)

Public GitHub repository link https://github.com/Hasnain2512449/Fall-I.T.C-1st-semester./tree/main/I.T.C%20project

Project overview,

This project is a **fully responsive, interactive e-commerce website** tailored for a modern bakery. Developed using (**HTML, CSS, and JavaScript**), the stunning visuals and fully interactive options like dark and light theme switch, active shopping options add to cart, direct buy and cart item list give it that unique look of a modern e-commerce website.

We tried to make the site as interactive as possible by using various effects like item card changes color when mouse hovers over it same thing with buttons also using argb color combination for glass morphism (glass effect) enhancing the visuals to a whole another level.

Light and Dark mode both have their separate color designs for more visual appeal.

The product cart is fully customizable you can add n remove items while also be able to see the total amount all at the same time.

All buttons like direct buy, add to cart and checkout have their separate alerts when doing certain thing like if you checkout without adding anything the popup alert reminds you to add products in the cart etc.

Problem statement and Target users,

When you walk into a local bakery, you get the smell of fresh bread and a friendly smile—but that experience is limited to whoever happens to walk past the front door. The struggle is taking that "neighbourhood feel" and moving it online.

□ The **Limited Reach**: Without a real online shop, the bakery is invisible to far away customers or busy office workers who want to order from their desks. If you aren't physically standing in the shop, it's hard to see what's fresh or available.

□ The **Closed-Door Gap**: A physical shop has opening and closing hours, but an online market never sleeps. Without an interactive site, the bakery loses out on customers who want to browse and "pre-order" their morning treats at 10:00 PM the night before.

Tech Stack

Frontend: HTML, CSS, JavaScript

Storage: Browser Local Storage

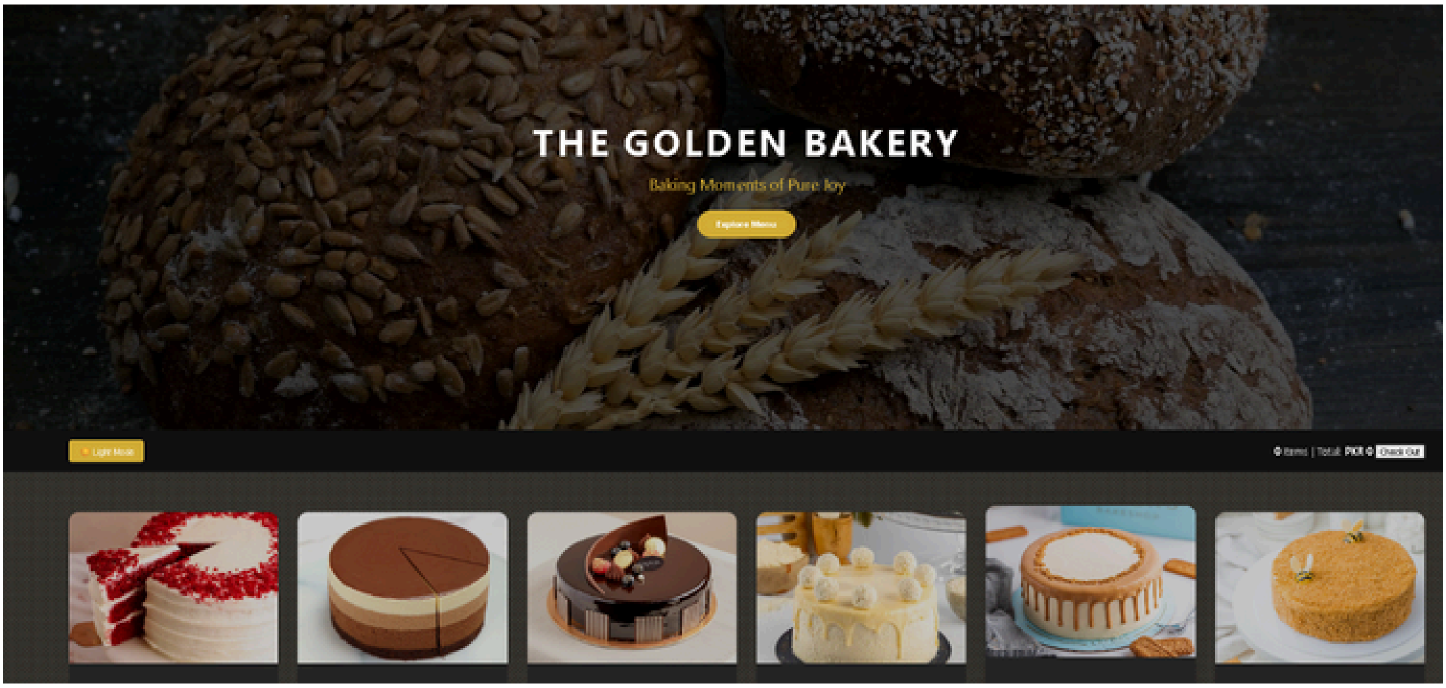
Tools: VS Code, Browser

Version Control: Git &amp; GitHub

Project UI & Working Explanation

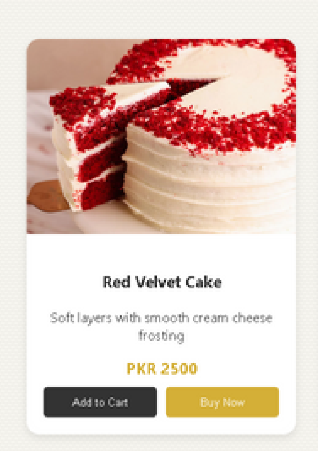
The project is a fully interactive bakery website with complete functionality.

1. **The first look.**



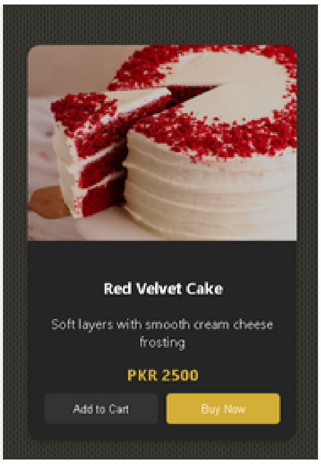
1. **Product cards,** the product cards display the price and information about that product they are customized according to the Light and dark theme to match the background..

LIGHT THEME DARK THEME


Red Velvet Cake

Soft layers with smooth cream cheese frosting

PKR 2500

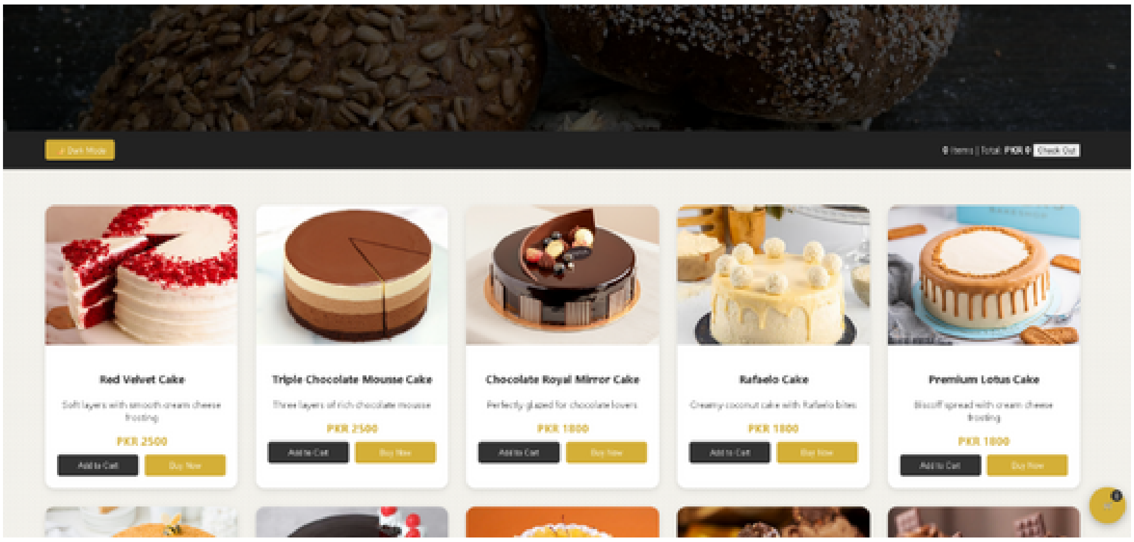

Red Velvet Cake

Soft layers with smooth cream cheese frosting

PKR 2500

1. **Functional theme switch option,** We added a button to switch between Light and Dark themes.

LIGHT MODE :


0 Items | Total: PKR 0

Red Velvet Cake

Soft layers with smooth cream cheese frosting

PKR 2500

Triple Chocolate Mousse Cake

Three layers of rich chocolate mousse

PKR 2500

Chocolate Royal Mirror Cake

Perfectly glazed for chocolate lovers

PKR 1800

Rafaelo Cake

Creamy coconut cake with Rafaelo bites

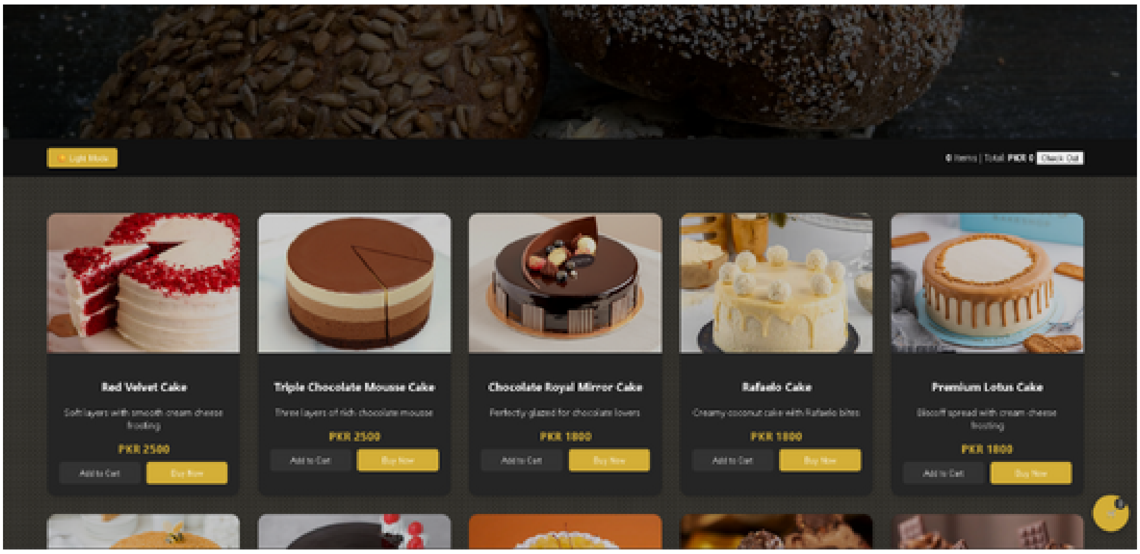
PKR 1800

Premium Lotus Cake

Biscoff spread with cream cheese frosting

PKR 1800

DARK MODE:


0 Items | Total: PKR 0

Red Velvet Cake

Soft layers with smooth cream cheese frosting

PKR 2500

Triple Chocolate Mousse Cake

Three layers of rich chocolate mousse

PKR 2500

Chocolate Royal Mirror Cake

Perfectly glazed for chocolate lovers

PKR 1800

Rafaelo Cake

Creamy coconut cake with Rafaelo bites

PKR 1800

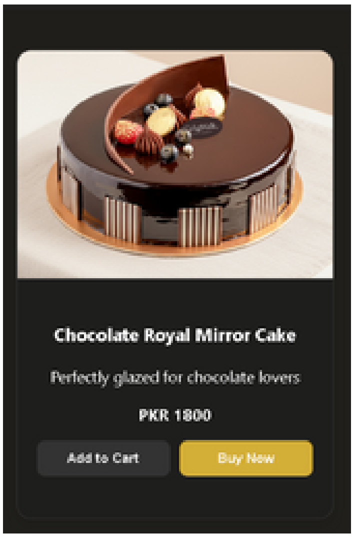
Premium Lotus Cake

Biscoff spread with cream cheese frosting

PKR 1800

1. **The glass morphism effect and hover effect,** We used a combination of glass morphism and hover effect to enhance the visuals of the website while also adding z-axis movement for that classic move up effect of when you move mouse over an object and it flies up from its place .

Before.After.

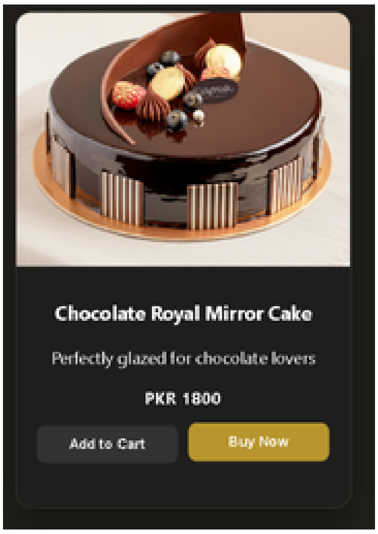


Chocolate Royal Mirror Cake

Perfectly glazed for chocolate lovers

PKR 1800

-



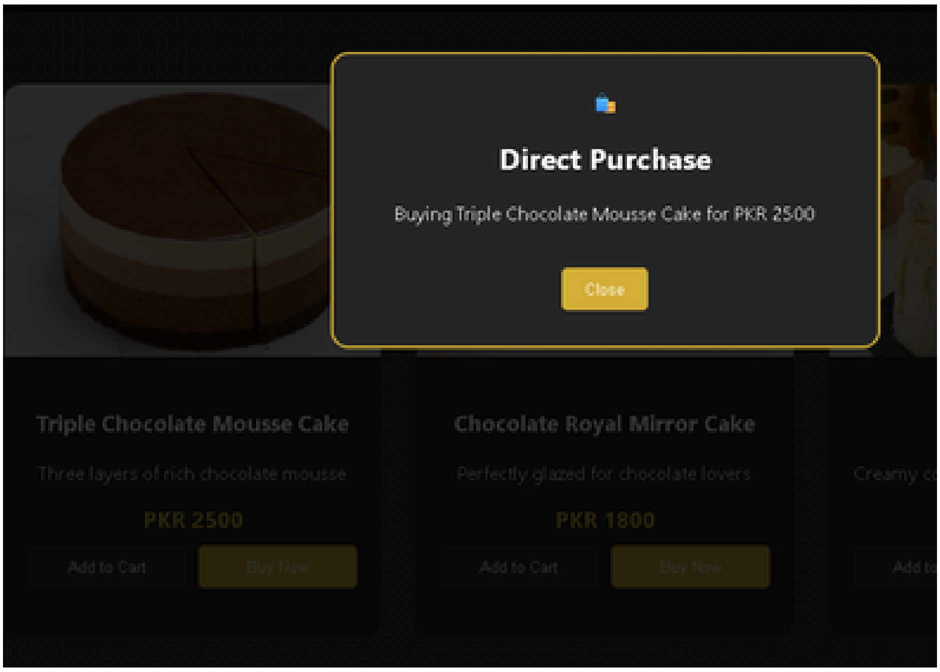
Chocolate Royal Mirror Cake

Perfectly glazed for chocolate lovers

PKR 1800

The buttons give of a slight glow while mouse is moved over it and the picture largens a little giving of the effect like its floating.

1. **Buy Now,** if you click buy now button under a product a popup appears stating that you are making a direct purchase.



Direct Purchase

Buying Triple Chocolate Mousse Cake for PKR 2500

Triple Chocolate Mousse Cake

Three layers of rich chocolate mousse

PKR 2500

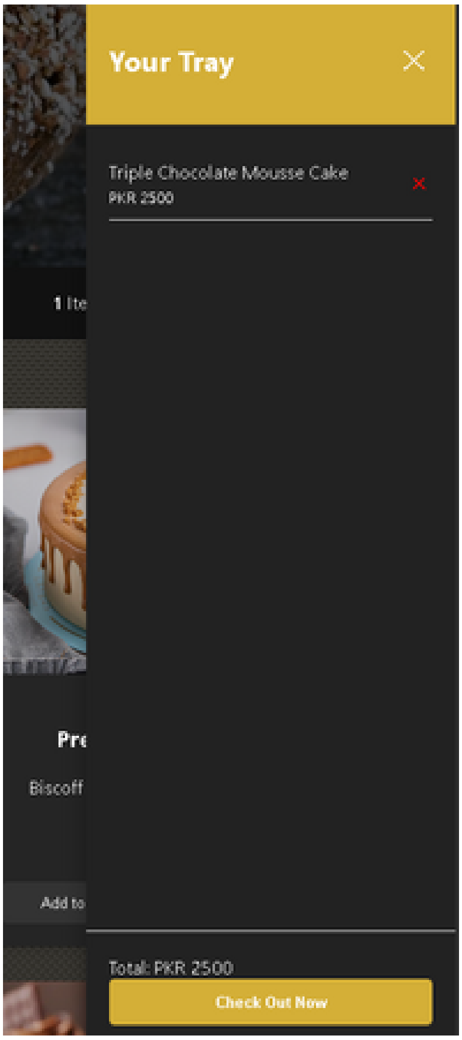
Chocolate Royal Mirror Cake

Perfectly glazed for chocolate lovers

PKR 1800

Creamy c

1. **Add to cart button,** add the selected item into the cart you can even remove the unwanted items from the cart.

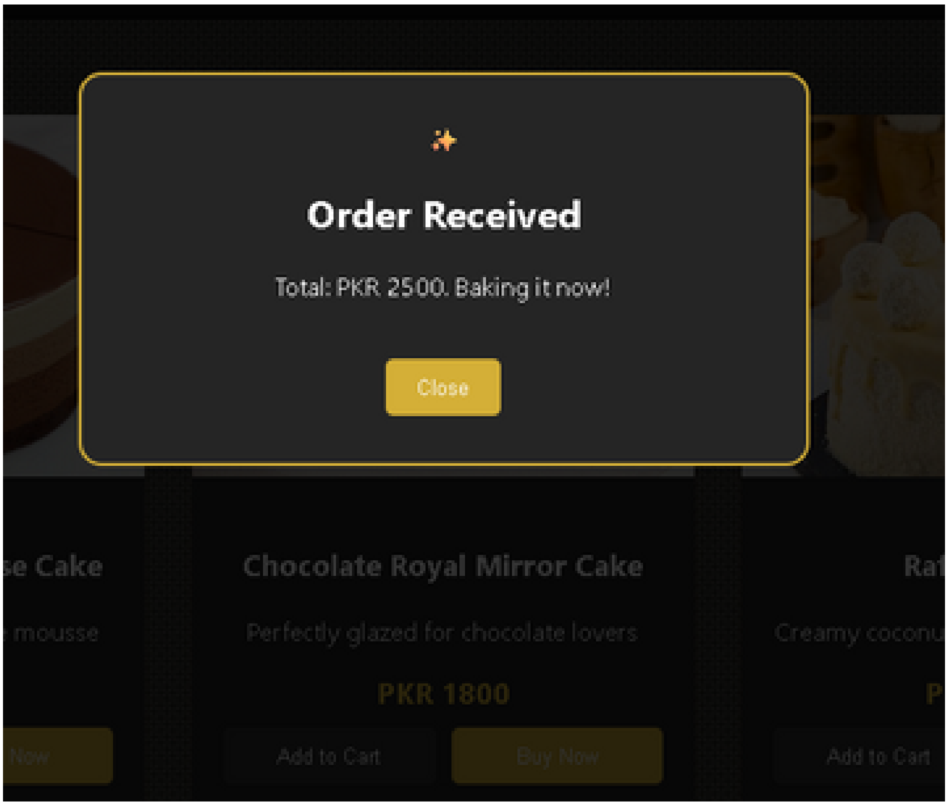


Your Tray

Triple Chocolate Mousse Cake
PKR 2500

Total: PKR 2500

1. **Check out,** when you click check out a popup appears telling you the exact amount your checking out with.



Order Received

Total: PKR 2500. Baking it now!

Functionalities and Code Explanation

We used simple and basic java script to give functionality to our website some of the functions are explained below.

1. **Starting count of the cart and amount.**
2. `let cart = [];`
3. `let total = 0;`

using this simple code we instructed the page to start the count for both total amount and cart items from 0 so it doesn't glitch by adding garbage values.

2. Theme switch Logic.

```
function toggleTheme() {

    const body = document.body;

    const btn = document.getElementById("themeBtn");

      if (body.classList.contains("light-theme")) {

        // Switch to Dark

        body.classList.remove("light-theme");

        body.classList.add("dark-theme");

        btn.innerText = "☀️ Light Mode";

    } else {

        // Switch to Light

        body.classList.remove("dark-theme");

        body.classList.add("light-theme");

        btn.innerText = "🌙 Dark Mode";

    }

}
```

This code changes the theme from light to dark. A simple IF condition is used in this code.

If body is in light theme right now according to the background color which is white it will remove and change it to dark while also replacing the text inside the theme switch button.

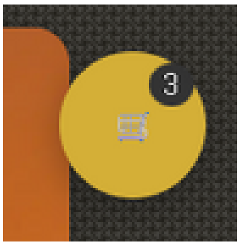
It does this by grabbing the entire **document.body** which contains the background color and checks whether the background is in light theme or dark specified in the CSS and chooses the true or false route according to the if else statement.

3. Add to cart and Cart sidebar.

```
function addToCart(name, price) {

    // Add item to our data list

    cart.push({ name: name, price: price });

    total += price;

    // UPDATE VALUES AFTER ADDING ITEMS

    updateUI();

    renderCart();

    // Slide the cart open automatically When item added

    document.getElementById("sideCart").classList.add("active");}
```

This code is responsible for cart operations like sidebar cart and adding items.

The cart has its own array where the selected items get stored while also updating the total amount with **total+=price;.** Using **cart.push** the selected items name and price get updated into the cart which displays it on the screen. The **updateUI** changes the little number over the cart item everytime you add an item.



4.Deleting specific items from cart.

```
function removeFromCart(index) {

    total -= cart[index].price;

    cart.splice(index, 1);

    updateUI();

    renderCart();

}
```

This code simply removes the items from cart. The code also updates the total amount and the counter on the cart icon.

5.Custom popup.

```
function openModal(title, msg, icon) {

    document.getElementById("modalTitle").innerText = title;

    document.getElementById("modalMessage").innerText = msg;
    document.querySelector(".modal-icon").innerText = icon;
    document.getElementById("customModal").classList.add("active");
}
```

This code replaces those grey simple alerts with the custom beautiful popups the model is

pre-designed using html and CSS but is inactive until the **Classlist.add(active)** command is triggered. AKA specific button for that specific alert is pressed same as the checkout when clicked without adding items.

6.How the checkout function works with the Popup.

```
function checkout() {
    if (cart.length === 0) {
        openModal("Wait!", "Add something to your tray first.", "🥐");
    } else {
        openModal("Order Received", "Total: PKR " + total + ". Baking it now!", "✨");
        // Clear cart after checkout
        cart = [];
        total = 0;
        updateUI();
        renderCart();
        document.getElementById("sideCart").classList.remove("active");
    }
}
```

The if condition checks if the cart is empty by using **(cart.length===o)** and if it is triggers the popup using the previous code and displays the text `("Wait!", "Add something to your tray first.", "🥐");`

And if the else condition is triggered like items were added and user checked out this time the same thing happens but the text get replaced with

```
("Order Received", "Total: PKR " + total + ". Baking it now!", "✨");
```

Conclusion:

- Building this bakery website provided a practical look at how code transforms a static layout into a living, breathing application. The time spent refining code and troubleshooting constant errors taught us the resilience required to build a program from scratch.
- Through this project, we gained hands-on experience with how the **HTML** formed the structural foundation, **CSS** provided the stunning visual design (including the dark/light theme logic), and **JavaScript** acted as the "engine," driving the crucial e-commerce functionality.
- JavaScript served as the project's "brain," transforming a static menu into a functional store by managing the shopping cart data and calculating totals in real-time. It also enabled dynamic user interaction, such as automatically triggering the theme switch and sliding the cart open to provide instant visual feedback.

***How JavaScript helped in building logic**

- We encountered many challenges, from unfamiliar syntax to logic errors. However, by combining our own logic with online help, we successfully overcame these hurdles. This experience has not only improved our coding skills but has also given us the confidence to use online developer tools to solve complex problems—a skill that will be valuable in our future projects.

Below are the complete codes of HTML, CSS and Java Script.

HTML Code.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>The Golden Bakery</title>
    <link rel="stylesheet" href="style.css">
</head>
<body class="light-theme">

    <header class="header-section">
        <div class="header-overlay">
            <h1>THE GOLDEN BAKERY</h1>
            <p class="tagline">Baking Moments of Pure Joy</p>
            <button class="explore-btn" onclick="window.scrollTo({top: 750, behavior: 'smooth'})">Explore Menu</button>
        </div>
    </header>

    <nav class="navbar">
```

```html
        <button onclick="toggleTheme()" id="themeBtn">🌙 Dark Mode</button>
        <div class="cart-box">
            <span><b id="cartCount">0</b> Items</span>
            <span>| Total: <b>PKR <span id="totalPrice">0</span></b></span>
            <button class="checkout-btn" onclick="checkout()">Check Out</button>
        </div>
    </nav>

    <main class="product-grid" id="products">

        <div class="card">
            <img src="https://bakewithzoha.com/wp-content/uploads/2024/09/red-velvet-cake-featured-1.jpg" alt="Red Velvet">
            <div class="card-body">
                <h3>Red Velvet Cake</h3>
                <p>Soft layers with smooth cream cheese frosting</p>
                <p class="price"><b>PKR 2500</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Red Velvet Cake', 2500)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Red Velvet Cake', 2500)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://i.ytimg.com/vi/gh2ekOIvGBg/maxresdefault.jpg" alt="Chocolate Mousse">
            <div class="card-body">
                <h3>Triple Chocolate Mousse Cake</h3>
                <p>Three layers of rich chocolate mousse</p>
                <p class="price"><b>PKR 2500</b></p>
                <div class="buttons">
```

```
                    <button class="add-btn" onclick="addToCart('Triple Chocolate Mousse Cake', 2500)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Triple Chocolate Mousse Cake', 2500)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://www.cakewalk.ae/uploads/p_products/dark-chocolate-truffle-web.jpg" alt="Mirror Cake">
            <div class="card-body">
                <h3>Chocolate Royal Mirror Cake</h3>
                <p>Perfectly glazed for chocolate lovers</p>
                <p class="price"><b>PKR 1800</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Chocolate Royal Mirror Cake', 1800)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Chocolate Royal Mirror Cake', 1800)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://assets.indolj.io/upload/1673695125-rafelo-min.jpg" alt="Rafaelo">
            <div class="card-body">
                <h3>Rafaelo Cake</h3>
                <p>Creamy coconut cake with Rafaelo bites</p>
                <p class="price"><b>PKR 1800</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Rafaelo Cake', 1800)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Rafaelo Cake', 1800)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://layers.pk/wp-content/uploads/2021/11/Lotus.jpg" alt="Lotus Cake">
            <div class="card-body">
                <h3>Premium Lotus Cake</h3>
                <p>Biscoff spread with cream cheese frosting</p>
                <p class="price"><b>PKR 1800</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Premium Lotus Cake', 1800)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Premium Lotus Cake', 1800)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://images.pexels.com/photos/2684556/pexels-photo-2684556.jpeg" alt="Honey Cake">
            <div class="card-body">
                <h3>Honey Crumb Cake</h3>
                <p>Pure honey bliss in every single bite</p>
                <p class="price"><b>PKR 1800</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Honey Crumb Cake', 1800)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Honey Crumb Cake', 1800)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
```

```
            <img src="https://hbtbakery.com/wp-content/uploads/2023/10/HBT_compressed-1_page-0131.jpg" alt="Black Forest">

            <div class="card-body">

                <h3>Black Forest Cake</h3>

                <p>Chocolate layers with cherries and cream</p>

                <p class="price"><b>PKR 1800</b></p>

                <div class="buttons">

                    <button class="add-btn" onclick="addToCart('Black Forest Cake', 1800)">Add to Cart</button>

                    <button class="buy-btn" onclick="buyNow('Black Forest Cake', 1800)">Buy Now</button>

                </div>

            </div>

        </div>



        <div class="card">

            <img src="https://bkmedia.bakingo.com/sq-pineapple-cake0022pifr-AAA_1.jpg?tr=w-665,h-665,dpr-1.5&q=50" alt="Pineapple">

            <div class="card-body">

                <h3>Pineapple Gateau</h3>

                <p>Sunshine in a cake with a nutty crunch</p>

                <p class="price"><b>PKR 1800</b></p>

                <div class="buttons">

                    <button class="add-btn" onclick="addToCart('Pineapple Gateau', 1800)">Add to Cart</button>

                    <button class="buy-btn" onclick="buyNow('Pineapple Gateau', 1800)">Buy Now</button>

                </div>

            </div>

        </div>



        <div class="card">

            <img src="https://images.unsplash.com/photo-1603532648955-039310d9ed75?q=80&w=1974&auto=format&fit=crop" alt="Ferrero">

            <div class="card-body">

                <h3>Ferrero Rocher Cupcake</h3>
                <p>Chocolate hazelnut delight with Ferrero</p>
                <p class="price"><b>PKR 1800</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Ferrero Cupcake', 1800)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Ferrero Cupcake', 1800)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://bonnibakery.com/wp-content/uploads/2024/03/Chocolate-Cupcakes_52.jpg.webp" alt="Chocolate Cupcake">
            <div class="card-body">
                <h3>Chocolate Cupcake</h3>
                <p>Rich chocolate sponge with velvety frosting</p>
                <p class="price"><b>PKR 800</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Chocolate Cupcake', 800)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Chocolate Cupcake', 800)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://static.tossdown.com/images/ac8f4b5a-761d-401b-a543-ac62b283f893.jpg" alt="Shahi Biscuit">
            <div class="card-body">
                <h3>Shahi Biscuit Box</h3>
                <p>Handmade with 100% pure desi butter</p>
                <p class="price"><b>PKR 850</b></p>
                <div class="buttons">
```

```
                    <button class="add-btn" onclick="addToCart('Shahi Biscuit Box', 850)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Shahi Biscuit Box', 850)">Buy Now</button>
                </div>
            </div>
        </div>

        <div class="card">
            <img src="https://www.abakingjourney.com/wp-content/uploads/2018/04/Almond-Cookies-Feature-1.jpg" alt="Almond">
            <div class="card-body">
                <h3>Almond Macaroons</h3>
                <p>Traditional aroma of real desi butter</p>
                <p class="price"><b>PKR 850</b></p>
                <div class="buttons">
                    <button class="add-btn" onclick="addToCart('Almond Macaroons', 850)">Add to Cart</button>
                    <button class="buy-btn" onclick="buyNow('Almond Macaroons', 850)">Buy Now</button>
                </div>
            </div>
        </div>

    </main>

    <div id="sideCart" class="side-cart">
        <div class="cart-header">
            <h2>Your Tray</h2>
            <button class="close-cart" onclick="toggleCart()">×</button>
        </div>
        <div id="cartItemsList" class="cart-items-body">
            <p class="empty-msg">Your tray is empty!</p>
        </div>
        <div class="cart-footer">
```

```html
            <div class="cart-total">
                <span>Total:</span>
                <span>PKR <span id="sidebarTotal">0</span></span>
            </div>
            <button class="sidebar-checkout-btn" onclick="checkout()">Check Out Now</button>
        </div>
    </div>

    <button class="floating-cart-btn" onclick="toggleCart()">
        <span class="cart-icon">🛒</span>
        <span id="floatingCartCount">0</span>
    </button>

    <div id="customModal" class="modal-overlay">
        <div class="modal-content">
            <div class="modal-header">
                <span class="modal-icon">✨</span>
                <h2 id="modalTitle">Notification</h2>
            </div>
            <div class="modal-body">
                <p id="modalMessage">Your message goes here.</p>
            </div>
            <div class="modal-footer">
                <button class="modal-close-btn" onclick="closeModal()">Close</button>
            </div>
        </div>
    </div>

    <footer>
        <h5>&copy; 2026 The Golden Bakery | All Rights Reserved</h5>
        <p><b>Email</b>: contact@goldenbakery.com | <b>Address</b>: DHA phase 8 Karachi Pakistan</p>
    </footer>
    <script src="script.js"></script>
</body>
</html>
```

CSS Code

```
:root {
    --gold: #d4af37;
    --gold-hover: #b8962d;
    --dark-bg: #1a1a1a;
    --light-bg: #fdfdfd;
    --glass-white: rgba(255, 255, 255, 0.7);
    --glass-dark: rgba(30, 30, 30, 0.8);
    --transition: all 0.3s cubic-bezier(0.25, 0.46, 0.45, 0.94);
}

body {
    font-family: 'Segoe UI', Arial, sans-serif;
    margin: 0;
    transition: background-color 0.3s, color 0.3s;
}

/* --- THEME SWITCHING --- */
.light-theme {
    background-color: var(--light-bg);
    color: #333;
}

.dark-theme {
    background-color: var(--dark-bg);
```

```css
    color: white;
}

/* --- NAVBAR --- */
.navbar {
    padding: 15px 5%;
    background: rgba(34, 34, 34, 0.95);
    backdrop-filter: blur(10px);
    color: white;
    display: flex;
    justify-content: space-between;
    align-items: center;
    position: sticky;
    top: 0;
    z-index: 1000;
}

#themeBtn {
    background: var(--gold);
    border: none;
    padding: 8px 18px;
    border-radius: 20px;
    color: white;
    cursor: pointer;
    font-weight: 600;
    transition: var(--transition);
}

#themeBtn:hover {
    background: var(--gold-hover);
    transform: scale(1.05);
    box-shadow: 0 0 15px rgba(212, 175, 55, 0.4);
}
```

```css
/* --- HEADER SECTION --- */

.header-section {

    background-image: url('https://images.unsplash.com/photo-1509440159596-0249088772ff?q=80&w=2072&auto=format&fit=crop');

    background-size: cover;

    background-position: center;

    background-attachment: fixed;

    height: 70vh;

    display: flex;

}


.header-overlay {

    background: rgba(0, 0, 0, 0.65);

    width: 100%;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    color: white;

    text-align: center;

}


.header-overlay h1 {

    font-size: 3.5rem;

    letter-spacing: 4px;

    margin: 0;

}


.tagline {

    font-size: 1.5rem;

    color: var(--gold);

    margin: 10px 0;
```

```css
}

.explore-btn {
    background: var(--gold);
    border: none;
    padding: 12px 35px;
    border-radius: 25px;
    font-weight: bold;
    cursor: pointer;
    color: white;
    margin-top: 15px;
    transition: var(--transition);
}

.explore-btn:hover {
    background: white;
    color: var(--gold);
    transform: translateY(-3px);
}

/* --- PRODUCT GRID & CARDS --- */
.product-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));
    gap: 30px;
    padding: 60px 5%;
    background-color: rgba(212, 175, 55, 0.03);
}

.card {
    background: white;
    border-radius: 15px;
    overflow: hidden;
    transition: var(--transition);
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}

/* Glassmorphism Logic for Cards */
.light-theme .card {
    background: var(--glass-white);
    backdrop-filter: blur(5px);
    border: 1px solid rgba(255, 255, 255, 0.3);
}

.dark-theme .card {
    background: var(--glass-dark);
    backdrop-filter: blur(8px);
    border: 1px solid rgba(255, 255, 255, 0.1);
    color: white;
}

.card:hover {
    transform: translateY(-10px) scale(1.02);
    box-shadow: 0 15px 30px rgba(0, 0, 0, 0.3);
}

.card img {
    width: 100%;
    height: 230px;
    object-fit: cover;
    transition: transform 0.5s;
}

.card:hover img {
    transform: scale(1.1);
}
```

```css
.card-body {
    padding: 20px;
    text-align: center;
}

/* --- BUTTONS --- */
.buttons {
    display: flex;
    gap: 10px;
    margin-top: 15px;
}

.add-btn, .buy-btn {
    padding: 10px;
    flex: 1;
    border-radius: 8px;
    cursor: pointer;
    font-weight: bold;
    border: none;
    transition: var(--transition);
}

.add-btn {
    background: #333;
    color: white;
}

.add-btn:hover {
    background: #555;
}

.buy-btn {
    background: var(--gold);
    color: white;
}

.buy-btn:hover {
    background: var(--gold-hover);
    transform: translateY(-2px);
}

/* --- SIDEBAR CART --- */
.side-cart {
    position: fixed;
    top: 0;
    right: -350px;
    width: 320px;
    height: 100%;
    background: white;
    box-shadow: -5px 0 15px rgba(0, 0, 0, 0.2);
    z-index: 2500;
    transition: 0.4s cubic-bezier(0.77, 0, 0.175, 1);
    display: flex;
    flex-direction: column;
}

.dark-theme .side-cart {
    background: #222;
    color: white;
}

.side-cart.active {
    right: 0;
}
```

```css
.cart-header {
    padding: 20px;
    background: var(--gold);
    color: white;
    display: flex;
    justify-content: space-between;
}

.sidebar-checkout-btn {
    width: 100%;
    background: var(--gold);
    border: none;
    padding: 12px;
    color: white;
    font-weight: bold;
    cursor: pointer;
    border-radius: 5px;
    transition: var(--transition);
}

.sidebar-checkout-btn:hover {
    background: var(--gold-hover);
    letter-spacing: 1px;
}

/* --- MODAL --- */
.modal-overlay {
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background: rgba(0, 0, 0, 0.85);
    backdrop-filter: blur(5px);
    display: none;
    justify-content: center;
    align-items: center;
    z-index: 5000;
}

.modal-overlay.active {
    display: flex;
}

.modal-content {
    background: white;
    padding: 40px;
    border-radius: 20px;
    border: 2px solid var(--gold);
    text-align: center;
    max-width: 400px;
    width: 90%;
    animation: modalPop 0.3s ease-out;
}

.dark-theme .modal-content {
    background: #252525;
    color: white;
}

@keyframes modalPop {
    from { transform: scale(0.8); opacity: 0; }
    to { transform: scale(1); opacity: 1; }
}

/* --- FLOATING BUTTON --- */
```

```css
.floating-cart-btn {
    position: fixed;
    right: 25px;
    bottom: 30px;
    width: 65px;
    height: 65px;
    border-radius: 50%;
    background: var(--gold);
    border: none;
    color: white;
    z-index: 1500;
    cursor: pointer;
    box-shadow: 0 4px 15px rgba(0, 0, 0, 0.3);
    transition: var(--transition);
}

.floating-cart-btn:hover {
    transform: scale(1.1) rotate(-5deg);
    background: var(--gold-hover);
}
footer {
    background: linear-gradient(135deg, #b5b28a 0%, #fcecc9 100%);
    border-top: 5.5px solid #ebb248;
    color: #ad6739;
    text-align: center;
    padding: 25px;
}
```

Java Script

```javascript
// CART DATA BEFORE ADDING ITEMS.
let cart = [];
let total = 0;

// 1. THEME SWITCH Light and Dark mode
function toggleTheme() {
    const body = document.body;
    const btn = document.getElementById("themeBtn");

    if (body.classList.contains("light-theme")) {
        // Switch to Dark
        body.classList.remove("light-theme");
        body.classList.add("dark-theme");
        btn.innerText = "☀️ Light Mode";
    } else {
        // Switch to Light
        body.classList.remove("dark-theme");
        body.classList.add("light-theme");
        btn.innerText = "🌙 Dark Mode";
    }
}

// 2. ADD TO CART SECTION
function addToCart(name, price) {
    // Add item to our data list
    cart.push({ name: name, price: price });
    total += price;

    // UPDATE VALUES AFTER ADDING ITEMS
    updateUI();
    renderCart();

    // Slide the cart open automatically When item added
    document.getElementById("sideCart").classList.add("active");
}
```

```
// 3.Refreshes numbers across the page
function updateUI() {
    // Update navbar
    document.getElementById("cartCount").innerText = cart.length;
    document.getElementById("totalPrice").innerText = total;

    // Update floating button
    document.getElementById("floatingCartCount").innerText = cart.length;

    // Update sidebar total
    document.getElementById("sidebarTotal").innerText = total;
}

// 4. Builds the HTML list for the sidebar
function renderCart() {
    const list = document.getElementById("cartItemsList");

    if (cart.length === 0) {
        list.innerHTML = '<p style="text-align:center; color:gray;">Your tray is empty!</p>';
        return;
    }

    list.innerHTML = ""; // Clear existing list
    cart.forEach((item, index) => {
        const itemDiv = document.createElement("div");
        itemDiv.style.display = "flex";
        itemDiv.style.justifyContent = "space-between";
        itemDiv.style.padding = "10px 0";
        itemDiv.style.borderBottom = "1px solid #eee";
        itemDiv.innerHTML = `
            <span>${item.name} <br> <small>PKR ${item.price}</small></span>
            <button onclick="removeFromCart(${index})" style="background:none; border:none; color:red; cursor:pointer; font-weight:bold;">×</button>
        `;
        list.appendChild(itemDiv);
    });
}

// 5. REMOVE ITEM: Deletes a specific item
function removeFromCart(index) {
    total -= cart[index].price;
    cart.splice(index, 1);
    updateUI();
    renderCart();
}

// 6.Opens/Closes Sidebar
function toggleCart() {
    document.getElementById("sideCart").classList.toggle("active");
}

// 7. MODAL LOGIC
function openModal(title, msg, icon) {
    document.getElementById("modalTitle").innerText = title;
    document.getElementById("modalMessage").innerText = msg;
    document.querySelector(".modal-icon").innerText = icon;
    document.getElementById("customModal").classList.add("active");
}

function closeModal() {
    document.getElementById("customModal").classList.remove("active");
}

// 8. CHECKOUT & BUY
```

```
function buyNow(name, price) {

    openModal("Direct Purchase", "Buying " + name + " for PKR " + price, "🛍️");

}


function checkout() {

    if (cart.length === 0) {

        openModal("Wait!", "Add something to your tray first.", "🥐");

    } else {

        openModal("Order Received", "Total: PKR " + total + ". Baking it now!", "✨");

        // Clear cart after checkout

        cart = [];

        total = 0;

        updateUI();

        renderCart();

        document.getElementById("sideCart").classList.remove("active");

    }

}
```