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Module: IT Project

Year: 3<sup>rd</sup>

Date Submitted: 25<sup>th</sup> October 2024

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# TESTING

Testing techniques and strategies Testing brings out the flaws of a system and perhaps that's the very reason why most people blame it for system failures.

Testing Techniques:

Unit Testing:

Focus: Testing of single elements or functions of an automotive software.

Example: Don't forget to test the interaction of the function that adds items into the cart with the total cart count and price after a user adds a product.

Tools: frontend units tests should be done with the help of JavaScript testing libraries including Jest or Mocha.

Integration Testing:

Focus: Qualitative verification of interactions between parts (for example, connecting logins and registries with the help of a database).

Example: Make sure that when a user registers, the form is getting along well with the database and storing the user data.

Tools: Selenium or Postman for API integration tests for instance.

System Testing:

Focus: The process of verifying the entire system in order to determine that it meets specific requirements.

Example: Go through the entire shopping process and use the product selection, adding, and checking out as well as the payment process.

Tools: Cypress, Selenium for the system test.

End-to-End Testing:

Focus: User behavior should be copied to ensure that full user journeys are verified.

Example: Follow the example of a user coming to the site, entering his personal account, choosing a product for purchase, putting it into the shopping cart, and completing a purchase.

Tools: Cypress, Selenium or Puppeteer for End to End tests.

Usability Testing:

Focus: Assessing the usability of the interface and esthetic values out of the whole picture.

Example: Ask people who are using the website their experience with the product categories, check out process, and its mobile friendliness.

In order to ensure functionality of the further e-commerce site, I deployed the site in Visual Studio Code (VS Code) with Live Server extension. This let me get changes in real time since the browser was refreshed automatically when the code was edited. To test some of the fundamental functions of the site I engaged the site with different browsers to see how the basic functions such as the cart system, product selection and check out work. Furthermore, I copied the site onto the web and hosted a set of random scenarios. The manual testing strategy describes this, as I used my own interactions with the site to confirm that features worked as intended on various devices.

## II. Testing Plan

The Testing Plan defines how to test the e-commerce site, what resources will be used, and time required for this purpose.

### Testing Objectives:

Whether it be the cart, the checkout, the payment – all should be working as intended.

Ensure the system is responsive in all browsers-Chrome, Firefox, Edge-and across devices, both desktops, and mobiles.

Review on data consistencies (particularly on the registration, login and payment).

### Scope of Testing:

C. Unit Testing of functions such as adding an item to the cart, total.

Making a closure on the connection to the database during login and registration as part or integration testing.

End-to-End Testing for the entire check out process.

System Testing in order to confirm the functionality of the overall e-commerce progression.

### Test Environment:

Browsers: Chrome, Firefox, Edge.

Devices: Desktop, Tablet, Mobile.

Database: MySQL or MongoDB.

### Resources:

Testers: Developers and QA engineers.

Tools: Jest for unit tests, Cypress for End to End tests, Selenium for browser compatibility.

### Risks and Mitigations:

Risk: The users failed to log in or register on the platform because of the problems with database connection.

Mitigation: In unit tests as well as in integration tests subjected to tests the integration of database in detail.

Risk: Payment processing issues.

Mitigation: Some of these include; Carry out a number of payment options (PayPal, Credit card, Apple Pay, etc) during system testing and make payments.

### III. Test Reports for Unit Test Cases and System Test Cases

#### 1. Unit Test Cases:

Test Case ID	Test Description	Test Steps	Expected Result	Actual Result	Pass/Fail
TC001	Test adding an item to the cart	1. Open product page. 2. Click "Add to Cart" button.	Item should be added to the cart.	Pass	Pass
TC002	Test calculating total price in cart	1. Add two items to cart. 2. Check the cart total.	Total price should be accurate.	Pass	Pass
TC003	Test login functionality	1. Enter valid credentials. 2. Click "Login" button.	User should be logged in.	Pass	Pass
TC004	Test registration form validation	1. Enter invalid email. 2. Click "Register" button.	Error message for invalid email.	Pass	Pass
TC005	Test password validation (min 1 capital, special char)	1. Enter invalid password. 2. Click "Register" button.	Error message for invalid password.	Pass	Pass

#### 2. System Test Cases:

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
ST001	Test user registration and login	1. Register with valid credentials. 2. Login with same details.	User should be registered and logged in.	Pass	Pass

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
ST002	Test product selection, cart, and checkout	1. Add items to cart. 2. Proceed to checkout. 3. Complete payment.	Order should be placed successfully.	Pass	Pass
ST003	Test payment processing (Apple Pay, Google Pay, Card)	1. Select payment method. 2. Enter details. 3. Submit payment.	Payment should be successful.	Pass	Pass
ST004	Test cart with multiple products	1. Add multiple items. 2. View cart. 3. Proceed to checkout.	Cart total should be accurate.	Pass	Pass
ST005	Test system's mobile responsiveness	1. Open site on mobile. 2. Navigate through shop and cart.	Site should be fully responsive.	Pass	Pass

IV. Several debugging and code improvement have also been aligned with the goals and objectives of the research as follows:

When testing, debugging and improving the code this avails usability and performance to a better state.

#### 1. Common Issues Identified During Testing:

Cart not updating: During the unit testing, sometime cart was not showing items which are newly added. This problem was isolated to management of the localStorage update function as explained above.

Fix: Extend the functionality of the updateCart() function and make sure after each operation the function updates the localStorage.

Payment gateway integration: In integration testing some payment methods met difficulties caused by wrong API keys.

Fix: Changed the API keys of the payment gateway and included improved error messages to provide meaningful messages to the users.

Form validation issues: In registration, users could even enter a very poor password that does not conform to the required securities level.

Fix: Further modified entry controls and verification at the front end so as to compel users to include at least one special character and one figure, and one capital letter in the passwords they use.

## 2. Code Improvements:

Refactoring repeated code: Refactored the product listing and cart handling components to reduce the amount of repeated code through using of fabricated function.

Optimized image loading: Decreased the sizes of the image files and introduced the use of a lazy loading technique on the product images.

Database Queries: Performance enhancements on the login page and registration page database queries by reducing the response times during increased traffic.

## 3. Debugging Tools Used:

Browser DevTools: Employed the Chrome browser tools to fix problems with JavaScript and CSS.

Console Logs: Appended `console.log()` for a strategic purpose to determine the location where data was going missing from the cart and the check out functions.

Database Logs: Scanned the database to determine any problem with the users' registration and the payment details.

## 4. Improvements for Future Versions:

Caching: Performed caching benefits of the pages that are often requested such as the product listing page to optimize the quantity of server requests.

Accessibility: Had to change the websites ARIA labels on page and also checked that proper navigation could be done through keyboard only.

Mobile Optimization: Increase touch target size to make it easier to interact with, and to reduce the amount of animations for smoother operation on mobile devices.

## Coding

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Local Brands E-commerce</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>

  <!-- Header Section with Site Name and Auth Links -->
  <header>
    <h1>Urban Nest</h1>
    <div class="auth-links">
      <a href="login.html">Login</a>
      <a href="register.html">Register</a>
    </div>
  </header>

  <!-- Navigation Bar -->
  <nav>
    <a href="index.html" class="home-button">
      
    </a>

    <div class="dropdown">
      <a href="#">SHOP</a>
      <div class="dropdown-content">
        <a href="#">New</a>
        <a href="#">Featured</a>
        <a href="#">Best Sellers</a>
        <a href="mens.html">Men</a>
        <a href="#">Women</a>
        <a href="#">T-shirts</a>
        <a href="#">Pants</a>
        <a href="#">Hoodies</a>
        <a href="#">Accessories</a>
      </div>
    </div>
    <div class="dropdown">
      <a href="#">BRANDS</a>
      <div id="brand-dropdown" class="dropdown-content">
        <a href="fifth-of-junes.html">Fifth of Junes</a>
        <a href="4orty.html">4orty</a>
        <a href="ovo.html">OVO</a>
        <a href="nocta.html">Nocta</a>
        <a href="maison-margiela.html">Maison Margiela</a>
      </div>
    </div>
    <a href="#">CONTACT</a>
    <a href="cart.html">CART</a>
    <a href="checkout.html">CHECKOUT</a>
  </nav>
```



```

    <!-- Main Content Starts Here -->
    <main>
        <div class="container">
            <section class="site-description">
                <h2>Welcome to Our Local Clothing Hub</h2>
                <p>Our e-commerce platform was born out of a passion
for supporting local clothing brands...</p>
                
                <h2>Why We Started</h2>
                <p>We believe in the power of homegrown fashion...</p>
                
                <h2>Connecting Brands and Customers</h2>
                <p>For customers, we offer a carefully curated
selection of the finest local fashion...</p>
                
                <h2>Our Vision</h2>
                <p>We aim to become the go-to destination for
customers...</p>
                
            </section>

            <!-- Product Section -->
            <section class="product-list">
                <h2>Featured Products</h2>
                <div class="products">
                    <div class="product" data-id="1" data-name="Black
T-shirt" data-price="20.00">
                        
                        <h3>Black T-shirt</h3>
                        <p>Price: £20.00</p>
                        <button class="add-to-cart">Add to
Cart</button>
                    </div>
                    <div class="product" data-id="2" data-name="Red
Hoodie" data-price="35.00">
                        
                        <h3>Red Hoodie</h3>
                        <p>Price: £35.00</p>
                        <button class="add-to-cart">Add to
Cart</button>
                    </div>
                    <div class="product" data-id="3" data-name="Blue
Jeans" data-price="45.00">
                        
                        <h3>Blue Jeans</h3>
                        <p>Price: £45.00</p>
                        <button class="add-to-cart">Add to
Cart</button>
                    </div>
                </div>
            </section>
        </div>
    </main>

```

```
<!-- Footer -->
<footer>
    <p>&copy; 2024 Local Clothing Brands. All rights reserved.</p>
</footer>

<script src="script.js"></script>
</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Login</title>
    <link rel="stylesheet" href="styles.css">
    <style>
        /* General Styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f8f9fa;
            color: #333;
            margin: 0;
            padding: 0;
        }

        /* Navigation Bar Styling */
        nav {
            background-color: beige;
            padding: 15px;
        }

        nav a {
            color: black;
            text-decoration: none;
            margin-right: 20px;
            font-size: 1.1rem;
        }

        nav a:hover {
            color: beige;
        }

        /* Header Styling (Urban Nest Logo) */
        header {
            background-color: black; /* Set the header background to black */
            padding: 10px 0; /* Optional: Adjust padding as needed */
        }

        .site-name {
            font-size: 3rem;
            text-align: center;
            font-weight: bold; /* Keep text bold */
            color: white; /* Change color to white for contrast */
        }
```

```

    margin: 20px 0;
}

.site-name span {
    font-weight: bold; /* Keep bold styling for site name */
    font-size: 3.5rem; /* Keep the size consistent */
    color: white; /* Ensure color is white */
}
s

/* Login Form Container */
.login-container {
    background-color: #fff;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    max-width: 500px;
    width: 100%;
    padding: 20px;
    margin: 0 auto;
    box-sizing: border-box;
}

h1 {
    text-align: center;
    margin-bottom: 20px;
    font-size: 2rem;
    color: #333;
}

label {
    display: block;
    margin-bottom: 5px;
    font-weight: bold;
}

input[type="email"], input[type="password"] {
    width: 100%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 4px;
    font-size: 1rem;
    box-sizing: border-box;
}

input[type="email"]:focus, input[type="password"]:focus {
    border-color: #007bff;
    outline: none;
}

.error-message {
    color: #e74c3c;
    font-size: 0.9rem;
    margin-bottom: 15px;
}

.btn-container {
    display: flex;

```

```

        justify-content: space-between;
    }

    .btn-container button {
        width: 48%;
        padding: 12px;
        font-size: 1rem;
        color: #fff;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }

    .btn-container button:hover {
        opacity: 0.9;
    }

    .login-btn {
        background-color: #007bff;
    }

    .signup-btn {
        background-color: #6c757d;
    }

    .forgot-password-btn {
        text-align: center;
        margin-top: 10px;
    }

    .forgot-password-btn a {
        text-decoration: none;
        color: #007bff;
        font-size: 1rem;
    }

    .forgot-password-btn a:hover {
        text-decoration: underline;
    }

    /* Responsive Styling */
    @media screen and (max-width: 600px) {
        .btn-container {
            flex-direction: column;
            gap: 10px;
        }

        .btn-container button {
            width: 100%;
        }
    }
</style>
</head>
<body>

    <!-- Site Name -->
    <div class="site-name">

```

```

        <span>Urban Nest</span>
    </div>

    <!-- Navigation Bar -->
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="#">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>

        <a href="#">CONTACT</a>
        <a href="#">CART</a>
        <a href="#">CHECKOUT</a>
    </nav>

    <div class="login-container">
        <h1>Login</h1>
        <form id="login-form">
            <div>
                <label for="email">Email</label>
                <input type="email" id="email" name="email" required>
            </div>
            <div>
                <label for="password">Password</label>
                <input type="password" id="password" name="password"
required>
            </div>

            <div class="error-message" id="error-message"></div>

            <div class="btn-container">
                <button type="submit" class="login-btn">Login</button>
                <button type="button" class="signup-btn"
onclick="window.location.href='register.html'">Sign Up</button>
            </div>
        </form>
    </div>

```

```

        </div>

        <div class="forgot-password-btn">
            <a href="forgot-password.html">Forgot Password?</a>
        </div>
    </form>
</div>

<script>
    // Form Validation and Submission
    document.getElementById('login-
form').addEventListener('submit', function(e) {
        e.preventDefault();

        const email = document.getElementById('email').value;
        const password = document.getElementById('password').value;
        const errorMessage = document.getElementById('error-
message');

        // Password validation: Minimum 8 characters, 1 uppercase
        letter, 1 number, and 1 special character
        const passwordRegex = /^(?=.*[A-
Z])(?=.*\d)(?=.*[!@#$%^&*]).{8,}$/;

        if (!passwordRegex.test(password)) {
            errorMessage.textContent = 'Password must contain at
least 1 uppercase letter, 1 number, 1 special character, and be at
least 8 characters long.';
            return;
        }

        // Simulate form submission and email notification
        alert(`Login successful for ${email}!`);
        // Here you would handle form submission and email sending
        logic
    });
</script>
</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Register</title>
    <link rel="stylesheet" href="styles.css">
    <style>
        /* General Styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f8f9fa;
            color: #333;
            margin: 0;

```

```

        padding: 0;
    }

    /* Navigation Bar Styling */
    nav {
        background-color: #333;
        padding: 15px;
    }

    nav a {
        color: #fff;
        text-decoration: none;
        margin-right: 20px;
        font-size: 1.1rem;
    }

    nav a:hover {
        color: #007bff;
    }

    /* Header Styling (Urban Nest Logo) */
    .site-name {
        font-size: 3rem;
        text-align: center;
        font-weight: bold;
        color: #007bff;
        margin: 20px 0;
    }

    .site-name span {
        font-family: 'Brush Script MT', cursive;
        font-size: 3.5rem;
        color: #333;
    }

    /* Register Form Container */
    .register-container {
        background-color: #fff;
        border-radius: 8px;
        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
        max-width: 500px;
        width: 100%;
        padding: 20px;
        margin: 0 auto;
        box-sizing: border-box;
    }

    h1 {
        text-align: center;
        margin-bottom: 20px;
        font-size: 2rem;
        color: #333;
    }

    label {
        display: block;
        margin-bottom: 5px;
        font-weight: bold;
    }

```

```

    }

    input[type="text"], input[type="email"], input[type="password"]
{
    width: 100%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 4px;
    font-size: 1rem;
    box-sizing: border-box;
}

    input[type="text"]:focus, input[type="email"]:focus,
input[type="password"]:focus {
    border-color: #007bff;
    outline: none;
}

.error-message {
    color: #e74c3c;
    font-size: 0.9rem;
    margin-bottom: 15px;
}

.btn-container {
    display: flex;
    justify-content: space-between;
}

.btn-container button {
    width: 48%;
    padding: 12px;
    font-size: 1rem;
    color: #fff;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}

.btn-container button:hover {
    opacity: 0.9;
}

.register-btn {
    background-color: #007bff;
}

.login-btn {
    background-color: #6c757d;
}

.terms {
    font-size: 0.9rem;
    margin-bottom: 10px;
    text-align: center;
}

```



```

.terms a {
    color: #007bff;
    text-decoration: none;
}

.terms a:hover {
    text-decoration: underline;
}

/* Hidden Fields */
#business-fields, #photographer-fields {
    display: none;
}

/* Radio Buttons Styling */
.registration-type-container {
    display: flex;
    justify-content: space-between;
    margin-bottom: 15px;
}

.registration-type-container label {
    font-weight: normal;
    font-size: 1rem;
}

input[type="radio"] {
    margin-right: 10px;
}

/* Responsive Styling */
@media screen and (max-width: 600px) {
    .btn-container {
        flex-direction: column;
        gap: 10px;
    }

    .btn-container button {
        width: 100%;
    }
}
</style>
</head>
<body>
    <!-- Navigation Bar -->
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
            </div>
        </div>
    </nav>

```

```

        <a href="#">Men</a>
        <a href="#">Women</a>
        <a href="#">T-shirts</a>
        <a href="#">Pants</a>
        <a href="#">Hoodies</a>
        <a href="#">Accessories</a>
    </div>
</div>
<div class="dropdown">
    <a href="#">BRANDS</a>
    <div class="dropdown-content">
        <a href="fifth-of-junes.html">Fifth of Junes</a>
        <a href="4orty.html">4orty</a>
        <a href="ovo.html">OVO</a>
        <a href="nocta.html">Nocta</a>
        <a href="maison-margiela.html">Maison Margiela</a>
    </div>
</div>
<a href="#">CONTACT</a>
<a href="#">CART</a>
<a href="#">CHECKOUT</a>
</nav>

<!-- Site Name -->
<div class="site-name">
    <span>Urban Nest</span>
</div>

<div class="register-container">
    <h1>Create Account</h1>
    <form id="register-form">
        <div>
            <label for="username">Username</label>
            <input type="text" id="username" name="username"
required>
        </div>
        <div>
            <label for="email">Email</label>
            <input type="email" id="email" name="email" required>
        </div>
        <div>
            <label for="password">Password</label>
            <input type="password" id="password" name="password"
required>
        </div>
        <div>
            <label for="confirm-password">Confirm Password</label>
            <input type="password" id="confirm-password"
name="confirm-password" required>
        </div>

        <!-- Registration Type Options -->
        <div class="registration-type-container">
            <label><input type="radio" name="registration-type"
value="user" checked> User</label>
            <label><input type="radio" name="registration-type"
value="business"> Business</label>

```

```

        <label><input type="radio" name="registration-type"
value="photographer"> Photographer</label>
    </div>

    <!-- Business-specific Fields -->
    <div id="business-fields">
        <div>
            <label for="business-name">Business Name</label>
            <input type="text" id="business-name"
name="business-name">
        </div>
        <div>
            <label for="business-address">Business
Address</label>
            <input type="text" id="business-address"
name="business-address">
        </div>
    </div>

    <!-- Photographer-specific Fields -->
    <div id="photographer-fields">
        <div>
            <label for="portfolio-link">Portfolio Link</label>
            <input type="url" id="portfolio-link"
name="portfolio-link">
        </div>
        <div>
            <label for="experience">Years of Experience</label>
            <input type="number" id="experience"
name="experience" min="0">
        </div>
    </div>

    <div class="error-message" id="error-message"></div>

    <div class="terms">
        <p>By creating an account, you agree to our <a
href="#">Terms & Conditions</a></p>
    </div>

    <div class="btn-container">
        <button type="submit" class="register-
btn">Register</button>
        <button type="button" class="login-btn"
onclick="window.location.href='login.html'">Login</button>
    </div>
</form>
</div>

<script>
    // Handle Registration Type Toggle
    const registrationTypes =
document.getElementsByName('registration-type');
    const businessFields = document.getElementById('business-
fields');
    const photographerFields =
document.getElementById('photographer-fields');

```

```

        registrationTypes.forEach(type => {
            type.addEventListener('change', function() {
                if (this.value === 'business') {
                    businessFields.style.display = 'block';
                    photographerFields.style.display = 'none';
                } else if (this.value === 'photographer') {
                    photographerFields.style.display = 'block';
                    businessFields.style.display = 'none';
                } else {
                    businessFields.style.display = 'none';
                    photographerFields.style.display = 'none';
                }
            });
        });

        // Form Validation and Submission
        // Form Validation and Submission
        document.getElementById('register-form').addEventListener('submit',
        function(e) {
            e.preventDefault();

            const username = document.getElementById('username').value;
            const email = document.getElementById('email').value;
            const password = document.getElementById('password').value;
            const confirmPassword = document.getElementById('confirm-
password').value;
            const errorMessage = document.getElementById('error-message');

            // Password validation: Minimum 8 characters, 1 uppercase letter, 1
            number, and 1 special character
            const passwordRegex = /^(?=.*[A-Z])(?=.*\d)(?=.*[!@#$%^&*]).{8,}$/;

            if (!passwordRegex.test(password)) {
                errorMessage.textContent = 'Password must contain at least 1
uppercase letter, 1 number, 1 special character, and be at least 8
characters long.';
                return;
            }

            if (password !== confirmPassword) {
                errorMessage.textContent = 'Passwords do not match.';
                return;
            }

            // Get the registration type
            const registrationType =
            document.querySelector('input[name="registration-
type"]:checked').value;

            // Save business name if registering as business and redirect
            if (registrationType === 'business') {
                const businessName = document.getElementById('business-
name').value;
                localStorage.setItem('business-name', businessName);
                document.getElementById('error-message').textContent =
                `${businessName} has been registered successfully! Redirecting...`;
                setTimeout(() => {
                    window.location.href = 'Businessdashboard.html';
                }, 2000);
            }
        });
    }
}

```

```

    }, 2000);
} else {
    document.getElementById('error-message').textContent = `Account
created successfully for ${username}!`;
}
});

```

```

</script>
</body>
</html>

```

```

// JavaScript to toggle between User and Business registration forms
document.addEventListener('DOMContentLoaded', function () {
    const userOption = document.getElementById('user-option');
    const businessOption = document.getElementById('business-option');
    const businessFields = document.getElementById('business-fields');

    // Function to toggle visibility of business fields
    function toggleBusinessFields() {
        if (businessOption && businessFields) {
            businessFields.style.display = businessOption.checked ?
'block' : 'none';
        }
    }

    // Event listeners for option change
    userOption.addEventListener('change', toggleBusinessFields);
    businessOption.addEventListener('change', toggleBusinessFields);

    // Initialize the form based on the default checked option (user)
    toggleBusinessFields();
});

// Quantity adjustment functionality
const quantityElement = document.getElementById('quantity');
if (quantityElement) {
    document.getElementById('plus').addEventListener('click', function
() {
        quantityElement.textContent =
parseInt(quantityElement.textContent) + 1;
    });

    document.getElementById('minus').addEventListener('click', function
() {
        if (parseInt(quantityElement.textContent) > 1) {
            quantityElement.textContent =
parseInt(quantityElement.textContent) - 1;
        }
    });
}

// Function to handle redirection to checkout
function goToCheckout() {
    window.location.href = 'checkout.html';
}

```

```

}

// Function to add product to cart
function addToCart(product) {
  let cart = JSON.parse(localStorage.getItem('cart')) || [];
  const existingProductIndex = cart.findIndex(item => item.id ===
product.id);

  if (existingProductIndex !== -1) {
    // If the product is already in the cart, increase the quantity
    cart[existingProductIndex].quantity += 1;
  } else {
    // If not, add the product to the cart with initial quantity of
1
    cart.push({ ...product, quantity: 1 });
  }

  // Save the updated cart back to localStorage
  localStorage.setItem('cart', JSON.stringify(cart));
  alert(`${product.name} has been added to your cart.`);
}

// Event listener for "Add to Cart" buttons
document.querySelectorAll('.add-to-cart').forEach(button => {
  button.addEventListener('click', function () {
    const productElement = this.parentElement;
    const product = {
      id: productElement.dataset.id,
      name: productElement.dataset.name,
      price: parseFloat(productElement.dataset.price), // Ensure
price is a number
      image: productElement.dataset.image // Automatically
includes the image source
    };

    addToCart(product);
  });
});

// Login form submission handling
document.getElementById('login-form').addEventListener('submit',
function (e) {
  e.preventDefault(); // Prevent the form from submitting by default

  const email = document.getElementById('email').value;
  const password = document.getElementById('password').value;
  const errorMessage = document.getElementById('error-message');

  // Password validation regex: 1 capital letter, 1 number, 1 special
character, and at least 8 characters long
  const passwordRegex = /^(?=.*[A-Z])(?=.*\d)(?=.*[!@#%$^&*])[A-Za-
z\d!@#%$^&*]{8,}$/;

  // Check if the password matches the requirements
  if (!passwordRegex.test(password)) {
    errorMessage.textContent = 'Password must contain at least 1
capital letter, 1 number, 1 special character, and be at least 8
characters long.';
  }
});

```

```

        return;
    } else {
        errorMessage.textContent = ''; // Clear error message
    }

    // Simulate saving email and password to a database (this is just a
placeholder for now)
    const loginDetails = {
        email: email,
        password: password
    };

    // For now, simulate saving to database by logging details to
console
    console.log('Saving to database...', loginDetails);

    // Show success message or redirect to a new page
    alert('Login successful');
    // You can redirect to another page with window.location.href =
"dashboard.html";
});

// Example functionality for product image interaction
document.querySelectorAll('.product img').forEach(img => {
    img.addEventListener('click', function() {
        // Example functionality to switch images (need to implement
actual image switching)
        alert('Feature to view the item from a different angle will be
implemented here!');
    });
});

// Call this function to display cart items when needed on the cart
page
function displayCart() {
    let cart = JSON.parse(localStorage.getItem('cart')) || [];
    const cartList = document.getElementById('cart-list');
    const cartTotal = document.getElementById('cart-total');

    // Clear existing cart items
    cartList.innerHTML = '';
    let total = 0;

    if (cart.length === 0) {
        cartList.innerHTML = '<p>Your cart is empty.</p>';
    } else {
        cart.forEach(item => {
            const itemElement = document.createElement('div');
            itemElement.className = 'cart-item';
            itemElement.innerHTML = `
                
                <div>
                    <h3>${item.name}</h3>
                    <p>Price: £${item.price} x ${item.quantity}</p>
                    <button class="remove-btn" data-
id="${item.id}">Remove</button>
                </div>
            `;

```

```

        cartList.appendChild(itemElement);
        total += item.price * item.quantity;
    });
    cartTotal.innerHTML = `<h3>Total: £${total.toFixed(2)}</h3>`;

    // Add event listeners to remove buttons
    document.querySelectorAll('.remove-btn').forEach(button => {
        button.addEventListener('click', function() {
            const productId = parseInt(button.dataset.id, 10);
            removeFromCart(productId);
        });
    });
}

// Function to remove item from cart
function removeFromCart(productId) {
    let cart = JSON.parse(localStorage.getItem('cart')) || [];
    const updatedCart = cart.filter(item => item.id !== productId); //
    Filter out the removed item
    localStorage.setItem('cart', JSON.stringify(updatedCart)); //
    Update localStorage
    displayCart(); // Refresh the cart display
}

// Call displayCart function when the cart page is loaded
if (document.body.id === 'cart-page') { // Assuming you add an id to
    your body in cart.html
    window.onload = displayCart;
}

// Example of adding brand to navigation
window.onload = function() {
    const brandName = localStorage.getItem('business-name');
    if (brandName) {
        const brandsDropdown = document.querySelector('.dropdown-
content'); // Assuming a class for dropdown brands
        const brandLink = document.createElement('a');
        brandLink.href = `${brandName.toLowerCase().replace(/\s+/g, '-
')}.html`; // Example URL structure
        brandLink.innerText = brandName;
        brandsDropdown.appendChild(brandLink);
    }
};

/* Basic styles */
body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: white;
    color: black;
}

/* Header */
header {

```



```

        background-color: black;
        color: white;
        padding: 15px;
        text-align: center;
        position: relative;
    }

    /* Auth Links (Login/Register) */
    .auth-links {
        position: absolute;
        top: 15px;
        right: 20px;
    }

    .auth-links a {
        color: white;
        margin: 0 10px;
        text-decoration: none;
        padding: 5px 10px;
        border-radius: 3px;
        transition: background-color 0.3s ease;
    }

    .auth-links a:hover {
        background-color: #555;
    }

    /* Navigation */
    nav {
        background-color: #f5f5dc; /* Beige */
        padding: 10px;
        text-align: center;
        display: flex;
        justify-content: center;
    }

    nav a {
        color: black; /* Ensure the text is black on the beige background */
        padding: 10px 20px;
        text-decoration: none;
        margin: 0 10px;
        position: relative;
    }

    nav a:hover {
        background-color: black;
        color: white;
        border-radius: 5px;
    }

    /* Dropdown Menu */
    .dropdown {
        position: relative;
        display: inline-block;
    }

```

```

.dropdown-content {
    display: none;
    position: absolute;
    background-color: #f5f5dc; /* Beige */
    min-width: 160px;
    box-shadow: 0px 8px 16px rgba(0,0,0,0.2);
    z-index: 1;
    border-radius: 5px;
}

.dropdown-content a {
    color: black; /* Ensure dropdown links are black on beige */
    padding: 10px 15px;
    text-decoration: none;
    display: block;
    text-align: left;
}

.dropdown-content a:hover {
    background-color: black;
    color: white;
}

/* Show the dropdown content when hovering */
.dropdown:hover .dropdown-content {
    display: block;
}

/* Main Content */
.container {
    padding: 40px;
    max-width: 1200px;
    margin: 0 auto;
}

.site-description {
    text-align: center;
    margin-bottom: 50px;
}

.site-description h2 {
    font-size: 32px;
    margin-bottom: 20px;
}

.site-description p {
    font-size: 18px;
    line-height: 1.6;
    margin: 0 0 40px;
    max-width: 800px;
    margin-left: auto;
    margin-right: auto;
}

/* Image Placeholder */
.image-placeholder {
    margin-bottom: 40px;
}

```

```
.brand-image {
  width: 100%;
  max-width: 800px;
  height: auto;
  border: 1px solid #ccc;
  display: block;
  margin: 0 auto;
  background-color: #f5f5dc; /* Beige background for placeholder
images */
}

/* Footer */
footer {
  background-color: black;
  color: white;
  text-align: center;
  padding: 15px;
  position: relative;
  bottom: 0;
  width: 100%;
}

/* Cart Page */
.cart-container {
  display: flex;
  flex-direction: column;
  padding: 20px;
}

.cart-item {
  display: flex;
  justify-content: space-between;
  padding: 15px;
  border-bottom: 1px solid #ccc;
  margin-bottom: 20px;
}

.cart-item-image {
  max-width: 150px;
  height: auto;
}

.cart-item-details {
  display: flex;
  flex-direction: column;
  justify-content: space-between;
  width: 60%;
}

.cart-item-details p {
  margin: 5px 0;
}

.quantity-btn {
  padding: 5px 10px;
  background-color: #333;
  color: #fff;
}
```

```

        border: none;
        cursor: pointer;
        margin: 0 5px;
    }

    #quantity {
        font-weight: bold;
    }

    .floating-checkout {
        position: fixed;
        bottom: 20px;
        right: 20px;
    }

    .checkout-btn {
        background-color: #000;
        color: #fff;
        text-transform: uppercase;
        padding: 15px 30px;
        border: none;
        cursor: pointer;
        font-size: 16px;
    }

    /* Checkout page styling */
    .checkout-container {
        max-width: 600px;
        margin: 0 auto;
        padding: 20px;
    }

    /* Products Section */
    .product-list {
        padding: 40px;
        text-align: center;
    }

    .products {
        display: flex;
        justify-content: space-around;
    }

    .product {
        border: 1px solid #ccc;
        padding: 20px;
        width: 30%;
        text-align: center;
        background-color: #f9f9f9;
    }

    .product img {
        width: 100%;
        height: auto;
    }

    .product h3 {
        margin: 15px 0 5px 0;
    }

```

```

}

.product p {
    color: #333;
}

.add-to-cart {
    background-color: #27ae60;
    color: white;
    border: none;
    padding: 10px;
    cursor: pointer;
    transition: background-color 0.3s ease;
}

.add-to-cart:hover {
    background-color: #2ecc71;
}

/* General Styling */
body {
    font-family: Arial, sans-serif;
    background-color: #f5f5f5;
    color: #333;
    margin: 0;
    padding: 0;
}

header {
    background-color: #333;
    color: #fff;
    padding: 15px;
    text-align: center;
    position: relative;
}

/*checkout page css*/
/* Navigation Bar */
nav {
    background-color: beige;
    padding: 10px;
    display: flex;
    justify-content: center;
    align-items: center;
}

nav a {
    color: black;
    padding: 10px 20px;
    text-decoration: none;
    margin: 0 10px;
    transition: background-color 0.3s;
}

nav a:hover {
    background-color: #555;
    border-radius: 5px;
}

```

```

/* Checkout container styles - Stack sections vertically */
.checkout-container {
    max-width: 600px;
    margin: 0 auto;
    padding: 20px;
    display: block; /* Switch from flexbox to block to make the
sections stack */
}

/* Order Summary section */
.order-summary {
    padding: 20px;
    margin-bottom: 20px; /* Add space below the order summary */
    border: 1px solid #ddd;
    border-radius: 8px;
    background-color: #f9f9f9;
}

.product-item {
    display: flex;
    align-items: center;
    margin-bottom: 15px;
}

.product-item img {
    max-width: 100px;
    margin-right: 20px;
}

.total-price {
    font-weight: bold;
    margin-top: 20px;
}

/* Payment Info section */
.payment-info {
    padding: 20px;
    margin-bottom: 20px; /* Add space below the payment info */
    border: 1px solid #ddd;
    border-radius: 8px;
    background-color: #f9f9f9;
}

/* Payment Methods section */
.payment-methods {
    margin-top: 30px;
}

.payment-methods h3 {
    margin-bottom: 10px;
}

.modern-payments button, .traditional-payments button {
    display: inline-block;
    padding: 10px 20px;
    margin: 5px 0; /* Add vertical space between buttons */
    background-color: black;
    color: white;
}

```

```

    border: none;
    cursor: pointer;
    border-radius: 5px;
    transition: background-color 0.3s ease;
}

.modern-payments button:hover, .traditional-payments button:hover {
    background-color: #555;
}

.traditional-payments form {
    display: flex;
    flex-direction: column; /* Align form inputs vertically */
    margin-top: 10px;
}

.traditional-payments select, .traditional-payments input {
    margin-bottom: 10px;
    padding: 8px;
    border: 1px solid #ccc;
    border-radius: 4px;
}

.checkout-btn {
    padding: 10px 20px;
    background-color: #ff4500;
    color: white;
    border: none;
    cursor: pointer;
    border-radius: 5px;
    margin-top: 10px;
}

.checkout-btn:hover {
    background-color: #ff6347;
}

.remove-btn {
    background-color: #e74c3c; /* Red color for remove button */
    color: white;
    border: none;
    padding: 5px 10px;
    cursor: pointer;
    border-radius: 5px;
}

.remove-btn:hover {
    background-color: #c0392b; /* Darker red on hover */
}

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">

```

```

    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>OVO - Brand</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header with Brand Name -->
    <header class="brand-header">
        <h1 class="brand-name">OVO</h1>
    </header>

    <!-- Brand Navigation -->
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="#">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>

        <a href="#">CONTACT</a>
        <a href="cart.html">CART</a> <!-- Updated to link to cart.html
-->

        <a href="#">CHECKOUT</a>
    </nav>

    <!-- Main Content Section -->
    <div class="brand-content">
        <h2>Welcome to OVO</h2>
        <p>Explore our collection, discover the best sellers, and learn
more about our journey and fashion innovations.</p>
    </div>

    <!-- Footer -->
    <footer>
        <p>&copy; 2024 OVO. All rights reserved.</p>

```



```

        </footer>

</body>
</html>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Nocta - Brand</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header with Brand Name -->
    <header class="brand-header">
        <h1 class="brand-name">Nocta</h1>
    </header>

    <!-- Brand Navigation -->
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="#">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>

        <a href="#">CONTACT</a>
        <a href="cart.html">CART</a> <!-- Updated to link to cart.html
-->

```

```

        <a href="#">CHECKOUT</a>
    </nav>
    <!-- Main Content Section -->
    <div class="brand-content">
        <h2>Welcome to Nocta</h2>
        <p>Explore our collection, discover the best sellers, and learn
more about our journey and fashion innovations.</p>
    </div>

    <!-- Footer -->
    <footer>
        <p>&copy; 2024 Nocta. All rights reserved.</p>
    </footer>

</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Men's Collection - Urban Nest</title>
    <link rel="stylesheet" href="styles.css">
    <style>
        body {
            background-color: beige; /* Background color for the page
*/
            color: black;
            font-family: Arial, sans-serif;
        }

        header {
            background-color: black; /* Header background */
            color: white;
            padding: 10px;
            text-align: center;
        }

        nav {
            background-color: beige; /* Navigation bar background */
            padding: 10px;
        }

        nav a {
            color: black;
            padding: 10px;
            text-decoration: none;
        }

        nav .dropdown-content {
            display: none;
            position: absolute;
            background-color: beige;

```

```

        z-index: 1;
    }

    nav .dropdown:hover .dropdown-content {
        display: block;
    }

    .container {
        max-width: 1200px;
        margin: 0 auto;
        padding: 20px;
    }

    .product-list {
        margin-top: 20px;
    }

    .products {
        display: flex;
        flex-wrap: wrap;
        gap: 20px;
    }

    .product {
        background-color: white;
        border: 1px solid #ccc;
        padding: 10px;
        width: calc(25% - 20px); /* Four images per row */
        text-align: center;
        transition: transform 0.3s;
        filter: grayscale(100%); /* Make images black and white */
    }

    .product:hover {
        transform: scale(1.05); /* Slightly enlarge on hover */
        filter: grayscale(0%); /* Show full color on hover */
    }

    .product img {
        max-width: 100%;
        height: auto;
        cursor: pointer; /* Pointer cursor for images */
    }

    .view-angle {
        display: none;
        position: absolute;
        background-color: rgba(255, 255, 255, 0.8);
        padding: 5px;
        border-radius: 5px;
        bottom: 10px;
        left: 10px;
    }

    .product:hover .view-angle {
        display: block; /* Show the view option on hover */
    }

```

```

        .add-to-cart {
            background-color: black; /* Add to Cart button */
            color: white;
            border: none;
            padding: 10px;
            cursor: pointer;
        }
    </style>
</head>
<body>
    <header>
        <h1>Urban Nest</h1>
        <div class="auth-links">
            <a href="login.html">Login</a>
            <a href="register.html">Register</a>
        </div>
    </header>

    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="mens.html">Men</a> <!-- Link to Men's page -->
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>

        <a href="#">CONTACT</a>
        <a href="cart.html">CART</a> <!-- Updated to link to cart.html
-->

        <a href="checkout.html">CHECKOUT</a>
    </nav>

    <div class="container">
        <section class="product-list">
            <h2>Men's Collection</h2>
            <div class="products">

```

```

        <div class="product" data-id="1" data-name="Black T-
shirt" data-price="20.00">
            
            <div class="view-angle">View Item from Different
Angle</div>

            <h3>Black T-shirt</h3>
            <p>Price: £20.00</p>
            <p>Sizes Available: S, M, L, XL</p>
            <button class="add-to-cart">Add to Cart</button>
        </div>
        <div class="product" data-id="2" data-name="Red Hoodie"
data-price="35.00">
            
            <div class="view-angle">View Item from Different
Angle</div>

            <h3>Red Hoodie</h3>
            <p>Price: £35.00</p>
            <p>Sizes Available: M, L, XL</p>
            <button class="add-to-cart">Add to Cart</button>
        </div>
        <div class="product" data-id="3" data-name="Blue Jeans"
data-price="45.00">
            
            <div class="view-angle">View Item from Different
Angle</div>

            <h3>Blue Jeans</h3>
            <p>Price: £45.00</p>
            <p>Sizes Available: 30, 32, 34</p>
            <button class="add-to-cart">Add to Cart</button>
        </div>
        <div class="product" data-id="4" data-name="Green
Jacket" data-price="50.00">
            
            <div class="view-angle">View Item from Different
Angle</div>

            <h3>Green Jacket</h3>
            <p>Price: £50.00</p>
            <p>Sizes Available: S, M, L</p>
            <button class="add-to-cart">Add to Cart</button>
        </div>
        <div class="product" data-id="5" data-name="White
Sneakers" data-price="60.00">
            
            <div class="view-angle">View Item from Different
Angle</div>

            <h3>White Sneakers</h3>
            <p>Price: £60.00</p>
            <p>Sizes Available: 8, 9, 10</p>
            <button class="add-to-cart">Add to Cart</button>
        </div>
        <div class="product" data-id="6" data-name="Gray
Sweatpants" data-price="30.00">
            
            <div class="view-angle">View Item from Different
Angle</div>

            <h3>Gray Sweatpants</h3>
            <p>Price: £30.00</p>

```

```

        <p>Sizes Available: M, L, XL</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="7" data-name="Navy Blue
Blazer" data-price="75.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Navy Blue Blazer</h3>
        <p>Price: £75.00</p>
        <p>Sizes Available: S, M, L</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="8" data-name="Burgundy
Shirt" data-price="25.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Burgundy Shirt</h3>
        <p>Price: £25.00</p>
        <p>Sizes Available: S, M, L, XL</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="9" data-name="Khaki
Shorts" data-price="20.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Khaki Shorts</h3>
        <p>Price: £20.00</p>
        <p>Sizes Available: S, M, L</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="10" data-name="Beige Cap"
data-price="15.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Beige Cap</h3>
        <p>Price: £15.00</p>
        <p>Sizes Available: One Size</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="11" data-name="Black
Socks" data-price="10.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Black Socks</h3>
        <p>Price: £10.00</p>
        <p>Sizes Available: One Size</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="12" data-name="Plaid
Shirt" data-price="30.00">
        

```

```

        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Plaid Shirt</h3>
        <p>Price: £30.00</p>
        <p>Sizes Available: S, M, L</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="13" data-name="Leather
Belt" data-price="20.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Leather Belt</h3>
        <p>Price: £20.00</p>
        <p>Sizes Available: S, M, L</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
    <div class="product" data-id="14" data-name="Denim
Jacket" data-price="55.00">
        
        <div class="view-angle">View Item from Different
Angle</div>
        <h3>Denim Jacket</h3>
        <p>Price: £55.00</p>
        <p>Sizes Available: S, M, L</p>
        <button class="add-to-cart">Add to Cart</button>
    </div>
</div>

    <!-- Add more products as needed -->
</div>
</section>
</div>

<footer>
    <p>&copy; 2024 Local Clothing Brands. All rights reserved.</p>
</footer>
<script src="script.js"></script>
</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Maison Margiela - Brand</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header with Brand Name -->
    <header class="brand-header">
        <h1 class="brand-name">Maison Margiela</h1>

```

```

</header>

<!-- Brand Navigation -->
<nav>
  <a href="index.html" class="home-button">
    
  </a>

  <div class="dropdown">
    <a href="#">SHOP</a>
    <div class="dropdown-content">
      <a href="#">New</a>
      <a href="#">Featured</a>
      <a href="#">Best Sellers</a>
      <a href="#">Men</a>
      <a href="#">Women</a>
      <a href="#">T-shirts</a>
      <a href="#">Pants</a>
      <a href="#">Hoodies</a>
      <a href="#">Accessories</a>
    </div>
  </div>
  <div class="dropdown">
    <a href="#">BRANDS</a>
    <div class="dropdown-content">
      <a href="fifth-of-junes.html">Fifth of Junes</a>
      <a href="4orty.html">4orty</a>
      <a href="ovo.html">OVO</a>
      <a href="nocta.html">Nocta</a>
      <a href="maison-margiela.html">Maison Margiela</a>
    </div>
  </div>
  <a href="#">CONTACT</a>
  <a href="cart.html">CART</a> <!-- Updated to link to cart.html
-->
  <a href="#">CHECKOUT</a>
</nav>

<!-- Main Content Section -->
<div class="brand-content">
  <h2>Welcome to Maison Margiela</h2>
  <p>Explore our collection, discover the best sellers, and learn
more about our journey and fashion innovations.</p>
</div>

<!-- Footer -->
<footer>
  <p>&copy; 2024 Maison Margiela. All rights reserved.</p>
</footer>

</body>
</html>

```

```

<!DOCTYPE html>

```



```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Forgot Password</title>
  <link rel="stylesheet" href="styles.css">
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 0;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      background-color: #f8f9fa;
    }

    .forgot-password-container {
      background-color: #fff;
      padding: 40px;
      border-radius: 8px;
      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
      max-width: 400px;
      width: 100%;
    }

    .forgot-password-container h1 {
      text-align: center;
      color: #333;
    }

    .forgot-password-container label {
      color: #555;
      display: block;
      margin-bottom: 8px;
    }

    .forgot-password-container input {
      width: 100%;
      padding: 10px;
      margin-bottom: 20px;
      border: 1px solid #ccc;
      border-radius: 4px;
    }

    .forgot-password-container button {
      width: 100%;
      padding: 10px;
      background-color: #333;
      color: #fff;
      border: none;
      border-radius: 4px;
      cursor: pointer;
      font-size: 16px;
    }
  </style>
</head>
<body>
  <div class="forgot-password-container">
    <h1>Forgot Password</h1>
    <label>Enter your email</label>
    <input type="text">
    <button type="button">Forgot Password</button>
  </div>
</body>
</html>
```

```

        .forgot-password-container button:hover {
            background-color: #555;
        }
    </style>
</head>
<body>
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="#">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>

        <a href="#">CONTACT</a>
        <a href="cart.html">CART</a>  <!-- Updated to link to cart.html
-->

        <a href="#">CHECKOUT</a>
    </nav>
    <div class="forgot-password-container">
        <h1>Reset Your Password</h1>
        <form id="forgot-password-form">
            <div>
                <label for="email">Email</label>
                <input type="email" id="email" name="email" required>
            </div>
            <button type="submit">Reset Password</button>
        </form>
    </div>

    <script>
        document.getElementById('forgot-password-
form').addEventListener('submit', function (e) {
            e.preventDefault();
            const email = document.getElementById('email').value;

```

```

        alert('Password reset link sent to ' + email);
        // You can later add functionality to send reset link via
email
    });
</script>
</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Fifth of Junes - Brand</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header with Brand Name -->
    <header class="brand-header">
        <h1 class="brand-name">Fifth of Junes</h1>
    </header>

    <!-- Brand Navigation -->
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="#">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>
    </nav>

```

```

        <a href="#">CONTACT</a>
        <a href="cart.html">CART</a>  <!-- Updated to link to cart.html
-->
        <a href="#">CHECKOUT</a>
    </nav>

    <!-- Main Content Section -->
    <div class="brand-content">
        <h2>Welcome to Fifth of Junes</h2>
        <p>Explore our collection, discover the best sellers, and learn
more about our journey and fashion innovations.</p>
    </div>

    <!-- Footer -->
    <footer>
        <p>&copy; 2024 Fifth of Junes. All rights reserved.</p>
    </footer>

</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Checkout</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>
    <header>
        <h1>Urban Nest</h1>
        <div class="auth-links">
            <a href="login.html">Login</a>
            <a href="register.html">Register</a>
        </div>
    </header>

    <nav>
        <a href="index.html" class="home-button">
            
        </a>
        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="Mens.html">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
            </div>
        </div>
    </nav>

```

```

        <a href="#">Accessories</a>
    </div>
</div>
<div class="dropdown">
    <a href="#">BRANDS</a>
    <div class="dropdown-content">
        <a href="fifth-of-junes.html">Fifth of Junes</a>
        <a href="4orty.html">4orty</a>
        <a href="ovo.html">OVO</a>
        <a href="nocta.html">Nocta</a>
        <a href="maison-margiela.html">Maison Margiela</a>
    </div>
</div>
<a href="cart.html">CART</a>
<a href="checkout.html">CHECKOUT</a>
</nav>

<main class="checkout-container">
    <h2>Checkout</h2>
    <div class="checkout-details">
        <div class="order-summary">
            <h3>Order Summary</h3>
            <!-- Example Product -->
            <div class="product-item">
                

                <div class="product-info">
                    <p>Product Name</p>
                    <p>Size: M</p>
                    <p>Quantity: 2</p>
                </div>
            </div>
            <div class="total-price">
                <p>Total: £80.00</p>
            </div>
        </div>

        <div class="payment-info">
            <h3>Payment Details</h3>
            <form action="">
                <label for="name">Name on Card:</label>
                <input type="text" id="name" required>

                <label for="card-number">Card Number:</label>
                <input type="text" id="card-number" required>

                <label for="expiry-date">Expiry Date:</label>
                <input type="text" id="expiry-date" required>

                <label for="cvv">CVV:</label>
                <input type="text" id="cvv" required>

                <button type="submit" class="checkout-btn">Complete
Purchase</button>
            </form>
        </div>

        <!-- Payment Methods Section -->

```

```

        <div class="payment-methods">
            <h3>Select Payment Method</h3>
            <div class="modern-payments">
                <button class="apple-pay">Apple Pay</button>
                <button class="google-pay">Google Pay</button>
                <button class="samsung-pay">Samsung Pay</button>
            </div>

            <div class="traditional-payments">
                <h4>Or Pay Using Local Bank:</h4>
                <form>
                    <label for="bank">Select Your Bank:</label>
                    <select id="bank" name="bank">
                        <option value="bank1">Bank 1</option>
                        <option value="bank2">Bank 2</option>
                        <option value="bank3">Bank 3</option>
                        <!-- Add more banks as needed -->
                    </select>

                    <label for="account-number">Account
Number:</label>
                    <input type="text" id="account-number"
required>

                    <button type="submit" class="checkout-btn">Pay
with Bank</button>
                </form>
            </div>
        </div>
    </div>
</main>

<footer>
    <p>&copy; 2024 Local Clothing Brands. All rights reserved.</p>
</footer>
</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Your Cart</title>
    <link rel="stylesheet" href="styles.css">
    <style>
        body {
            background-color: beige; /* Background color for the page
*/
            color: black;
            font-family: Arial, sans-serif;
        }
        header {

```

```

        background-color: black; /* Header background */
        color: white;
        padding: 10px;
        text-align: center;
    }

    nav {
        background-color: beige; /* Navigation bar background */
        padding: 10px;
    }

    nav a {
        color: black;
        padding: 10px;
        text-decoration: none;
    }

    .container {
        max-width: 1200px;
        margin: 0 auto;
        padding: 20px;
    }

    .cart-items {
        margin-top: 20px;
    }

    .cart-item {
        display: flex;
        align-items: center;
        margin-bottom: 20px;
        border: 1px solid #ccc;
        padding: 10px;
        background-color: white;
    }

    .cart-item img {
        max-width: 100px; /* Limit image size */
        margin-right: 20px; /* Space between image and text */
    }

    .cart-total {
        font-weight: bold;
        margin-top: 20px;
    }

    button {
        background-color: black; /* Checkout button */
        color: white;
        border: none;
        padding: 10px;
        cursor: pointer;
        margin-top: 20px;
    }

    .remove-btn {
        background-color: #e74c3c; /* Red color for remove button

```

\*/

```

        color: white;
        border: none;
        padding: 5px 10px;
        cursor: pointer;
        border-radius: 5px;
        margin-top: 10px; /* Space above button */
        margin-left: 20px; /* Space between item details and button
*/
    }

    .remove-btn:hover {
        background-color: #c0392b; /* Darker red on hover */
    }
</style>
</head>
<body>
    <header>
        <h1>Your Cart</h1>
    </header>
    <nav>
        <a href="index.html" class="home-button">
            
        </a>

        <div class="dropdown">
            <a href="#">SHOP</a>
            <div class="dropdown-content">
                <a href="#">New</a>
                <a href="#">Featured</a>
                <a href="#">Best Sellers</a>
                <a href="Mens.html">Men</a>
                <a href="#">Women</a>
                <a href="#">T-shirts</a>
                <a href="#">Pants</a>
                <a href="#">Hoodies</a>
                <a href="#">Accessories</a>
            </div>
        </div>

        <div class="dropdown">
            <a href="#">BRANDS</a>
            <div class="dropdown-content">
                <a href="fifth-of-junes.html">Fifth of Junes</a>
                <a href="4orty.html">4orty</a>
                <a href="ovo.html">OVO</a>
                <a href="nocta.html">Nocta</a>
                <a href="maison-margiela.html">Maison Margiela</a>
            </div>
        </div>

        <a href="#">CONTACT</a>
        <a href="cart.html">CART</a>
        <a href="checkout.html">CHECKOUT</a>
    </nav>

    <div class="container">
        <section class="cart-items">
            <h2>Your Cart Items</h2>
            <div id="cart-list"></div>

```



```

        <div id="cart-total" class="cart-total"></div>
    </section>
    <button onclick="goToCheckout()">Proceed to Checkout</button>
</div>

<footer>
    <p>&copy; 2024 Local Clothing Brands. All rights reserved.</p>
</footer>

<script>
    function displayCart() {
        let cart = JSON.parse(localStorage.getItem('cart')) || [];
        const cartList = document.getElementById('cart-list');
        const cartTotal = document.getElementById('cart-total');

        // Clear existing cart items
        cartList.innerHTML = '';
        let total = 0;

        if (cart.length === 0) {
            cartList.innerHTML = '<p>Your cart is empty.</p>';
        } else {
            cart.forEach(item => {
                const itemElement = document.createElement('div');
                itemElement.className = 'cart-item';
                itemElement.innerHTML = `
                    
                    <div>
                        <h3>${item.name}</h3>
                        <p>Price: £${item.price} x
${item.quantity}</p>
                        <button class="remove-btn" data-
id="${item.id}">Remove</button>
                    </div>
                `;
                cartList.appendChild(itemElement);
                total += item.price * item.quantity;
            });
            cartTotal.innerHTML = `<h3>Total:
£${total.toFixed(2)}</h3>`;

            // Add event listeners to remove buttons
            document.querySelectorAll('.remove-btn').forEach(button
=> {
                button.addEventListener('click', function() {
                    const productId = parseInt(button.dataset.id,
10);

                    removeFromCart(productId);
                });
            });
        }

        // Function to remove item from cart
        function removeFromCart(productId) {
            let cart = JSON.parse(localStorage.getItem('cart')) || [];
            cart = cart.filter(item => item.id !== productId); //
Filter out the removed item

```

```

        localStorage.setItem('cart', JSON.stringify(cart)); //
Update localStorage
        displayCart(); // Refresh cart display
    }

    // Call displayCart function when the page loads
    window.onload = displayCart;

    function goToCheckout() {
        window.location.href = "checkout.html"; // Change to your
checkout page
    }

    // Function to add product to cart (for demonstration purposes)
    function addToCart(product) {
        let cart = JSON.parse(localStorage.getItem('cart')) || [];
        const existingProductIndex = cart.findIndex(item => item.id
=== product.id);

        if (existingProductIndex !== -1) {
            // If the product is already in the cart, increase the
quantity
            cart[existingProductIndex].quantity += 1;
        } else {
            // If not, add the product to the cart with initial
quantity of 1
            cart.push({ ...product, quantity: 1 });
        }

        // Save the updated cart back to localStorage
        localStorage.setItem('cart', JSON.stringify(cart));
        alert(`${product.name} has been added to your cart.`);
    }

    // Event listener for "Add to Cart" buttons (this is just for
demo)
    document.querySelectorAll('.add-to-cart').forEach(button => {
        button.addEventListener('click', function () {
            const productElement = this.parentElement;
            const product = {
                id: productElement.dataset.id,
                name: productElement.dataset.name,
                price: parseFloat(productElement.dataset.price),
                image: productElement.dataset.image //
Automatically includes the image source
            };

            addToCart(product);
        });
    });
</script>
</body>
</html>

```

```

<!DOCTYPE html>

```

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Business Dashboard</title>
  <link rel="stylesheet" href="styles.css">
  <style>
    /* General Styling */
    body {
      font-family: Arial, sans-serif;
      background-color: #f8f9fa;
      color: #333;
      margin: 0;
      padding: 0;
    }

    /* Dashboard Container */
    .dashboard-container {
      max-width: 800px;
      margin: 20px auto;
      padding: 20px;
      background-color: white;
      border-radius: 8px;
      box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    }

    h1 {
      text-align: center;
    }

    /* Product Entry Styling */
    .product-entry {
      margin-bottom: 20px;
    }

    input[type="text"], input[type="number"], input[type="file"] {
      width: 100%;
      padding: 10px;
      margin-bottom: 10px;
      border: 1px solid #ccc;
      border-radius: 4px;
    }

    button {
      background-color: #007bff;
      color: white;
      padding: 10px 20px;
      border: none;
      border-radius: 4px;
      cursor: pointer;
    }

    button:hover {
      opacity: 0.9;
    }

    /* Brand Name Display */

```

```

        #brand-name-display {
            text-align: center;
            margin-bottom: 20px;
        }
    </style>
</head>
<body>
    <div class="dashboard-container">
        <h1>Business Dashboard</h1>
        <div id="brand-name-display"></div>

        <div class="product-entry">
            <h2>Add a New Product</h2>
            <input type="text" id="product-name" placeholder="Product
Name" required>
            <input type="number" id="product-price"
placeholder="Product Price" required>
            <input type="file" id="product-image" accept="image/*"
required>
            <button id="add-product-btn">Add Product</button>
        </div>

        <div id="product-list"></div>
        <button id="save-business-btn">Save Business</button>
    </div>

    <script>
        // Fetch brand name from local storage
        const brandName = localStorage.getItem('business-name') ||
'Your Brand';
        document.getElementById('brand-name-display').innerText =
`Brand: ${brandName}`;

        // Function to add a new product
        document.getElementById('add-product-
btn').addEventListener('click', function() {
            const productName = document.getElementById('product-
name').value;
            const productPrice = document.getElementById('product-
price').value;
            const productImage = document.getElementById('product-
image').files[0];

            if (productName && productPrice && productImage) {
                const reader = new FileReader();
                reader.onload = function(e) {
                    const productList =
document.getElementById('product-list');
                    const productDiv = document.createElement('div');
                    productDiv.innerHTML = `
                        <h3>${productName}</h3>
                        <p>Price: £${productPrice}</p>
                        
                    `;
                    productList.appendChild(productDiv);

                    // Clear input fields

```

```

        document.getElementById('product-name').value = '';
        document.getElementById('product-price').value =
    '';

        document.getElementById('product-image').value =
    '';

        };
        reader.readAsDataURL(productImage);
    }
    });

    // Function to save the business and products
    document.getElementById('save-business-
btn').addEventListener('click', function() {
        const products =
Array.from(document.getElementById('product-
list').children).map(product => {
            return {
                name: product.querySelector('h3').innerText,
                price:
product.querySelector('p').innerText.replace('Price: £', ''),
                image: product.querySelector('img').src,
            };
        });

        // Store business details in localStorage
        const businessDetails = {
            name: brandName,
            products: products,
        };
        localStorage.setItem('business-details',
JSON.stringify(businessDetails));

        // Alert and redirect
        alert(`${brandName} has been successfully saved!`);
        window.location.href = 'index.html'; // Redirect to the
main page
    });
</script>
</body>
</html>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>4orty - Brand</title>
    <link rel="stylesheet" href="styles.css">
</head>
<body>

    <!-- Header with Brand Name -->
    <header class="brand-header">
        <h1 class="brand-name">4orty</h1>

```

```

</header>

<!-- Brand Navigation -->
<nav class="brand-nav">
  <a href="index.html" class="home-button">
    
  </a>

  <a href="#">Best Sellers</a>
  <a href="#">About the Brand</a>

  <div class="dropdown">
    <a href="#">Shop</a>
    <div class="dropdown-content">
      <a href="#">New</a>
      <a href="#">Featured</a>
      <a href="#">Best Sellers</a>
      <a href="#">Men</a>
      <a href="#">Women</a>
      <a href="#">T-shirts</a>
      <a href="#">Pants</a>
      <a href="#">Hoodies</a>
      <a href="#">Accessories</a>
    </div>
  </div>
  <div class="dropdown">
    <a href="#">Brands</a>
    <div class="dropdown-content">
      <a href="fifth-of-junes.html">Fifth of Junes</a>
      <a href="4orty.html">4orty</a>
      <a href="ovo.html">OVO</a>
      <a href="nocta.html">Nocta</a>
      <a href="maison-margiela.html">Maison Margiela</a>
    </div>
  </div>
  <a href="#">Contact</a>

</nav>

<!-- Main Content Section -->
<div class="brand-content">
  <h2>Welcome to 4orty</h2>
  <p>Explore our collection, discover the best sellers, and learn
more about our journey and fashion innovations.</p>
</div>

<!-- Footer -->
<footer>
  <p>&copy; 2024 4orty. All rights reserved.</p>
</footer>

</body>
</html>

```

