

# Case Study: Supermarket E-commerce Website

## 1. Project Overview

This project is a **multi-page e-commerce website** for a supermarket.

It will showcase various products, allow customers to browse by pages, view product details, register an account, log in, and add items to their cart.

For simplicity, the project will be built using **HTML5, CSS3, and Bootstrap**, without JavaScript for logic.

## 2. Objective

- To help beginners understand **website folder structure** and organization.
- To teach **multi-page navigation** using HTML.
- To introduce **Bootstrap components** like **navbar, cards, carousel, forms, and pagination**.
- To practice **form creation and validation using HTML5 attributes**.

## 3. Key Features

### 1. Home Page

- Supermarket branding and a **Bootstrap carousel** showcasing offers.
- Featured products section using **Bootstrap cards**.

### 2. Products Page

- Product listings in a **grid layout** using Bootstrap cards.
- **Pagination** for separating products into multiple pages (page 1, page 2, page 3).

### 3. Product Detail Page

- A dedicated page for each product (optional for beginners).
- Larger image, price, description, and “Add to Cart” button.

### 4. Registration Page

- User sign-up form with **HTML5 validation**.
- Fields: Name, Email, Password, Confirm Password, Address.

### 5. Login Page

- Simple login form for existing users.

### 6. Contact Page

- Contact form with fields for Name, Email, and Message.

## 7. Navigation Bar

- Links to **Home**, **Products**, **Register**, **Login**, and **Contact**.

## 8. Footer

- Store contact info, social media links, and copyright.

## 4. Technology Used

- **HTML5** → Structure
- **CSS3** → Styling
- **Bootstrap 5** → Layout and components
- **Photos** should be images folder → Placeholder product images

## 5. Folder Structure

```

supermarket-website/
├── index.html           → Home Page (Carousel + Featured
Products)
├── products.html        → Products Page (Page 1)
├── products-page2.html  → Products Page (Page 2)
├── products-page3.html  → Products Page (Page 3)
├── register.html        → Registration Form
├── login.html           → Login Form
├── contact.html         → Contact Page
├── css/
│   └── style.css        → Custom styles
├── images/
│   ├── logo.png         → Supermarket logo
│   ├── banner1.jpg       → Carousel Image 1
│   ├── banner2.jpg       → Carousel Image 2
│   ├── banner3.jpg       → Carousel Image 3
│   ├── product1.jpg      → Product image examples
│   └── ...              → More product images

```

## 6. Pages Explanation

## **index.html (Home Page)**

- Navbar (Bootstrap navbar component)
- Carousel (Bootstrap carousel)
- Featured Products (Bootstrap card layout)

## **products.html / products-page2.html / products-page3.html**

- Grid layout with product cards.
- Pagination at the bottom to move between pages.

## **register.html**

- HTML5 form validation using `required`, `pattern`, and `type`.

## **login.html**

- Simple login form (email + password).

## **contact.html**

- Contact form for customers.

## **7 How Pagination Works Without JS**

- Products are split manually into **different HTML files**.
- Page 1 → `products.html`
- Page 2 → `products-page2.html`
- Page 3 → `products-page3.html`
- The pagination links point to these separate files.

## **Case Study Document**

### **Title**

### **Local Event Management Website**

### **Objective**

To design and develop a **responsive, visually appealing, and user-friendly website** for a community event using **HTML5, CSS3, and Bootstrap** without JavaScript. The site should present event details, schedule, activities, media content, and allow users to register.

## Implementation Details

### 1. HTML5 Features Used

- **Semantic Structure:** `<header>`, `<nav>`, `<main>`, `<footer>`
- **Table:** Event schedule with Bootstrap table styles
- **Unordered List:** List of activities
- **Form:** Registration form with required fields and radio/select inputs
- **Media Elements:** `<video>` for promotional video, `<audio>` for theme song
- **Typography:** Headings and paragraphs with Bootstrap typography classes

### 2. CSS3 Usage

- **External CSS:** `style.css` for site-wide styling
- **Box Model Demonstration:** Border, padding, margin applied in a visible box
- **Custom Styles:** Background color, custom widths, borders

### 3. Bootstrap Integration

- **Grid System:** Responsive column layout
- **Navbar:** Fully responsive navigation menu
- **Buttons:** Styled using `.btn` classes
- **Typography Classes:** `.text-primary`, `.fw-bold`, `.lead` for text emphasis
- **Table Styling:** `.table`, `.table-striped`, `.table-bordered`, `.table-dark`

## File Structure

```
event-website/
├── index.html
├── register.html
├── about.html
├── style.css
├── /assets
│   ├── promo.mp4
│   └── theme.mp3
```

## CaseStudy1:

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Supermarket Home</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="css/style.css">
  <!-- Bootstrap Icons -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

  <!-- Navbar -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="index.html">
        <i class="bi bi-shop me-2"></i>My Website
      </a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="index.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="products.html">Products</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="contact.html">Contact</a>
          </li>
        </ul>
        <ul class="navbar-nav ms-auto">
          <li class="nav-item">
            <a class="nav-link" href="register.html">Register</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="login.html">Login</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>
```

```

        </li>
    </ul>
</div>
</div>
</nav>

<!-- Carousel -->
<div id="carouselExampleIndicators" class="carousel slide" data-bs-
ride="carousel">
    <div class="carousel-indicators">
        <button type="button" data-bs-target="#carouselExampleIndicators" data-
bs-slide-to="0" class="active" aria-current="true" aria-label="Slide 1"></button>
        <button type="button" data-bs-target="#carouselExampleIndicators" data-
bs-slide-to="1" aria-label="Slide 2"></button>
        <button type="button" data-bs-target="#carouselExampleIndicators" data-
bs-slide-to="2" aria-label="Slide 3"></button>
    </div>
    <div class="carousel-inner">
        <div class="carousel-item active">
            
        </div>
        <div class="carousel-item">
            
        </div>
        <div class="carousel-item">
            
        </div>
    </div>
    <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleIndicators" data-bs-slide="prev">
        <span class="carousel-control-prev-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Previous</span>
    </button>
    <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleIndicators" data-bs-slide="next">
        <span class="carousel-control-next-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Next</span>
    </button>
</div>

<!-- Featured Products Section -->
<div class="container my-5">
    <h2 class="text-center mb-4">Featured Products</h2>
    <div class="row row-cols-1 row-cols-md-3 g-4">
        <!-- Featured Product 1 -->
        <div class="col">
            <div class="card h-100 shadow-sm">

```

```

        
        <div class="card-body">
            <h5 class="card-title">Fresh Apples</h5>
            <p class="card-text">$2.99 / kg</p>
            <a href="#" class="btn btn-primary">Add to Cart</a>
        </div>
    </div>
</div>
<!-- Featured Product 2 -->
<div class="col">
    <div class="card h-100 shadow-sm">
        
        <div class="card-body">
            <h5 class="card-title">Organic Milk</h5>
            <p class="card-text">$4.50 / liter</p>
            <a href="#" class="btn btn-primary">Add to Cart</a>
        </div>
    </div>
</div>
<!-- Featured Product 3 -->
<div class="col">
    <div class="card h-100 shadow-sm">
        
        <div class="card-body">
            <h5 class="card-title">Whole Wheat Bread</h5>
            <p class="card-text">$3.25 / loaf</p>
            <a href="#" class="btn btn-primary">Add to Cart</a>
        </div>
    </div>
</div>
</div>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3">
    <div class="container">
        <p>&copy; 2025 My Website. All rights reserved.</p>
    </div>
</footer>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
</script>
</body>
</html>

```

Contact.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Contact</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="css/style.css">
  <!-- Bootstrap Icons -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

  <!-- Navbar -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="index.html">
        <i class="bi bi-shop me-2"></i>My Website
      </a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link" href="index.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="products.html">Products</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="contact.html">Contact</a>
          </li>
        </ul>
        <ul class="navbar-nav ms-auto">
          <li class="nav-item">
            <a class="nav-link" href="register.html">Register</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="login.html">Login</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>
</div>
```



```

</nav>

<!-- Contact Form -->
<div class="container my-5">
  <div class="row justify-content-center">
    <div class="col-lg-6">
      <div class="card p-4 shadow-sm">
        <h2 class="text-center mb-4">Contact Us</h2>
        <form>
          <div class="mb-3">
            <label for="contactName" class="form-label">Full
Name</label>
            <input type="text" class="form-control" id="contactName"
required>
          </div>
          <div class="mb-3">
            <label for="contactEmail" class="form-label">Email
address</label>
            <input type="email" class="form-control"
id="contactEmail" required>
          </div>
          <div class="mb-3">
            <label for="message" class="form-label">Message</label>
            <textarea class="form-control" id="message" rows="5"
required></textarea>
          </div>
          <button type="submit" class="btn btn-primary w-100">Send
Message</button>
        </form>
      </div>
    </div>
  </div>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3 mt-auto">
  <div class="container">
    <p>&copy; 2025 My Website. All rights reserved.</p>
  </div>
</footer>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
</script>
</body>
</html>

```

login.html

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Contact</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="css/style.css">
  <!-- Bootstrap Icons -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

  <!-- Navbar -->
  <nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="index.html">
        <i class="bi bi-shop me-2"></i>My Website
      </a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link" href="index.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="products.html">Products</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="contact.html">Contact</a>
          </li>
        </ul>
        <ul class="navbar-nav ms-auto">
          <li class="nav-item">
            <a class="nav-link" href="register.html">Register</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="login.html">Login</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>

  <!-- Contact Form -->

```

```

<div class="container my-5">
  <div class="row justify-content-center">
    <div class="col-lg-6">
      <div class="card p-4 shadow-sm">
        <h2 class="text-center mb-4">Contact Us</h2>
        <form>
          <div class="mb-3">
            <label for="contactName" class="form-label">Full
Name</label>
            <input type="text" class="form-control" id="contactName"
required>
          </div>
          <div class="mb-3">
            <label for="contactEmail" class="form-label">Email
address</label>
            <input type="email" class="form-control"
id="contactEmail" required>
          </div>
          <div class="mb-3">
            <label for="message" class="form-label">Message</label>
            <textarea class="form-control" id="message" rows="5"
required></textarea>
          </div>
          <button type="submit" class="btn btn-primary w-100">Send
Message</button>
        </form>
      </div>
    </div>
  </div>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3 mt-auto">
  <div class="container">
    <p>&copy; 2025 My Website. All rights reserved.</p>
  </div>
</footer>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

```

Products.html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Products</title>

```

```

    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <!-- Custom CSS -->
    <link rel="stylesheet" href="css/style.css">
    <!-- Bootstrap Icons -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">
                <i class="bi bi-shop me-2"></i>My Website
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav me-auto mb-2 mb-lg-0">
                    <li class="nav-item">
                        <a class="nav-link" href="index.html">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link active" aria-current="page"
href="products.html">Products</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="contact.html">Contact</a>
                    </li>
                </ul>
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="register.html">Register</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="login.html">Login</a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

    <!-- Products Grid -->
    <div class="container my-5">
        <h2 class="text-center mb-4">All Products</h2>
        <div class="row row-cols-1 row-cols-md-4 g-4">
            <!-- Product Card 1 -->

```

```
<div class="col">
  <div class="card h-100 shadow-sm">
    
    <div class="card-body">
      <h5 class="card-title">Fresh Apples</h5>
      <p class="card-text">$2.99 / kg</p>
      <a href="#" class="btn btn-primary">Add to Cart</a>
    </div>
  </div>
</div>
<!-- Product Card 2 -->
<div class="col">
  <div class="card h-100 shadow-sm">
    
    <div class="card-body">
      <h5 class="card-title">Organic Milk</h5>
      <p class="card-text">$4.50 / liter</p>
      <a href="#" class="btn btn-primary">Add to Cart</a>
    </div>
  </div>
</div>
<!-- Product Card 3 -->
<div class="col">
  <div class="card h-100 shadow-sm">
    
    <div class="card-body">
      <h5 class="card-title">Whole Wheat Bread</h5>
      <p class="card-text">$3.25 / loaf</p>
      <a href="#" class="btn btn-primary">Add to Cart</a>
    </div>
  </div>
</div>
<!-- Product Card 4 -->
<div class="col">
  <div class="card h-100 shadow-sm">
    
    <div class="card-body">
      <h5 class="card-title">Chicken Eggs</h5>
      <p class="card-text">$1.99 / dozen</p>
      <a href="#" class="btn btn-primary">Add to Cart</a>
    </div>
  </div>
</div>
</div>
```

```

<!-- Pagination -->
<nav aria-label="Page navigation" class="mt-5">
  <ul class="pagination justify-content-center">
    <li class="page-item disabled">
      <a class="page-link" href="#" tabindex="-1" aria-
disabled="true">Previous</a>
    </li>
    <li class="page-item active"><a class="page-link"
href="products.html">1</a></li>
    <li class="page-item"><a class="page-link" href="products-
page2.html">2</a></li>
    <li class="page-item"><a class="page-link" href="products-
page3.html">3</a></li>
    <li class="page-item">
      <a class="page-link" href="products-page2.html">Next</a>
    </li>
  </ul>
</nav>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3 mt-auto">
  <div class="container">
    <p>&copy; 2025 My Website. All rights reserved.</p>
  </div>
</footer>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

Products-page2.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Products - Page 2</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="css/style.css">
  <!-- Bootstrap Icons -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

```

```

<!-- Navbar -->
<nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
  <div class="container-fluid">
    <a class="navbar-brand" href="index.html">
      <i class="bi bi-shop me-2"></i>My Website
    </a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav me-auto mb-2 mb-lg-0">
        <li class="nav-item">
          <a class="nav-link" href="index.html">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link active" aria-current="page"
href="products.html">Products</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="contact.html">Contact</a>
        </li>
      </ul>
      <ul class="navbar-nav ms-auto">
        <li class="nav-item">
          <a class="nav-link" href="register.html">Register</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="login.html">Login</a>
        </li>
      </ul>
    </div>
  </div>
</nav>

<!-- Products Grid -->
<div class="container my-5">
  <h2 class="text-center mb-4">All Products - Page 2</h2>
  <div class="row row-cols-1 row-cols-md-4 g-4">
    <!-- Product Card 5 -->
    <div class="col">
      <div class="card h-100 shadow-sm">
        
        <div class="card-body">
          <h5 class="card-title">Cheddar Cheese</h5>
          <p class="card-text">$5.99 / block</p>
          <a href="#" class="btn btn-primary">Add to Cart</a>
        </div>
      </div>
    </div>
  </div>

```

```

        <!-- Product Card 6 -->
        <div class="col">
            <div class="card h-100 shadow-sm">
                
                <div class="card-body">
                    <h5 class="card-title">Fresh Tomatoes</h5>
                    <p class="card-text">$1.50 / kg</p>
                    <a href="#" class="btn btn-primary">Add to Cart</a>
                </div>
            </div>
        </div>
        <!-- Product Card 7 -->
        <div class="col">
            <div class="card h-100 shadow-sm">
                
                <div class="card-body">
                    <h5 class="card-title">Pasta Spaghetti</h5>
                    <p class="card-text">$1.99 / pack</p>
                    <a href="#" class="btn btn-primary">Add to Cart</a>
                </div>
            </div>
        </div>
        <!-- Product Card 8 -->
        <div class="col">
            <div class="card h-100 shadow-sm">
                
                <div class="card-body">
                    <h5 class="card-title">Olive Oil</h5>
                    <p class="card-text">$8.99 / bottle</p>
                    <a href="#" class="btn btn-primary">Add to Cart</a>
                </div>
            </div>
        </div>
    </div>

    <!-- Pagination -->
    <nav aria-label="Page navigation" class="mt-5">
        <ul class="pagination justify-content-center">
            <li class="page-item">
                <a class="page-link" href="products.html">Previous</a>
            </li>
            <li class="page-item"><a class="page-link"
href="products.html">1</a></li>
            <li class="page-item active" aria-current="page"><a class="page-
link" href="products-page2.html">2</a></li>
            <li class="page-item"><a class="page-link" href="products-
page3.html">3</a></li>

```



```

        <li class="page-item">
            <a class="page-link" href="products-page3.html">Next</a>
        </li>
    </ul>
</nav>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3 mt-auto">
    <div class="container">
        <p>&copy; 2025 My Website. All rights reserved.</p>
    </div>
</footer>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

Products-page3.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Products - Page 3</title>
    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <!-- Custom CSS -->
    <link rel="stylesheet" href="css/style.css">
    <!-- Bootstrap Icons -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">
                <i class="bi bi-shop me-2"></i>My Website
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">

```

```

        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
            <li class="nav-item">
                <a class="nav-link" href="index.html">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link active" aria-current="page"
href="products.html">Products</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="contact.html">Contact</a>
            </li>
        </ul>
        <ul class="navbar-nav ms-auto">
            <li class="nav-item">
                <a class="nav-link" href="register.html">Register</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="login.html">Login</a>
            </li>
        </ul>
    </div>
</div>
</nav>

<!-- Products Grid -->
<div class="container my-5">
    <h2 class="text-center mb-4">All Products - Page 3</h2>
    <div class="row row-cols-1 row-cols-md-4 g-4">
        <!-- Product Card 9 -->
        <div class="col">
            <div class="card h-100 shadow-sm">
                
                <div class="card-body">
                    <h5 class="card-title">Canned Tuna</h5>
                    <p class="card-text">$1.25 / can</p>
                    <a href="#" class="btn btn-primary">Add to Cart</a>
                </div>
            </div>
        </div>
        <!-- Product Card 10 -->
        <div class="col">
            <div class="card h-100 shadow-sm">
                
                <div class="card-body">
                    <h5 class="card-title">Fresh Grapes</h5>
                    <p class="card-text">$3.50 / bunch</p>
                    <a href="#" class="btn btn-primary">Add to Cart</a>
                </div>
            </div>
        </div>
    </div>

```

```

    </div>
    <!-- Product Card 11 -->
    <div class="col">
        <div class="card h-100 shadow-sm">
            
            <div class="card-body">
                <h5 class="card-title">Bottled Water</h5>
                <p class="card-text">$0.99 / bottle</p>
                <a href="#" class="btn btn-primary">Add to Cart</a>
            </div>
        </div>
    </div>
    <!-- Product Card 12 -->
    <div class="col">
        <div class="card h-100 shadow-sm">
            
            <div class="card-body">
                <h5 class="card-title">Chocolate Bars</h5>
                <p class="card-text">$2.00 / bar</p>
                <a href="#" class="btn btn-primary">Add to Cart</a>
            </div>
        </div>
    </div>
</div>

<!-- Pagination -->
<nav aria-label="Page navigation" class="mt-5">
    <ul class="pagination justify-content-center">
        <li class="page-item">
            <a class="page-link" href="products-page2.html">Previous</a>
        </li>
        <li class="page-item"><a class="page-link"
href="products.html">1</a></li>
        <li class="page-item"><a class="page-link" href="products-
page2.html">2</a></li>
        <li class="page-item active" aria-current="page"><a class="page-
link" href="products-page3.html">3</a></li>
        <li class="page-item disabled">
            <a class="page-link" href="#" tabindex="-1" aria-
disabled="true">Next</a>
        </li>
    </ul>
</nav>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3 mt-auto">
    <div class="container">
        <p>&copy; 2025 My Website. All rights reserved.</p>

```

```

        </div>
    </footer>

    <!-- Bootstrap JS Bundle -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

## Register.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>
    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <!-- Custom CSS -->
    <link rel="stylesheet" href="css/style.css">
    <!-- Bootstrap Icons -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary sticky-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">
                <i class="bi bi-shop me-2"></i>My Website
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav me-auto mb-2 mb-lg-0">
                    <li class="nav-item">
                        <a class="nav-link" href="index.html">Home</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="products.html">Products</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="contact.html">Contact</a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

```

```

        <ul class="navbar-nav ms-auto">
            <li class="nav-item">
                <a class="nav-link active" aria-current="page"
href="register.html">Register</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="login.html">Login</a>
            </li>
        </ul>
    </div>
</div>
</nav>

<!-- Registration Form -->
<div class="container my-5">
    <div class="row justify-content-center">
        <div class="col-lg-6">
            <div class="card p-4 shadow-sm">
                <h2 class="text-center mb-4">Register Account</h2>
                <form action="login.html" method="post">
                    <div class="mb-3">
                        <label for="fullName" class="form-label">Full
Name</label>
                        <input type="text" class="form-control" id="fullName"
placeholder="Enter your full name" required>
                    </div>
                    <div class="mb-3">
                        <label for="email" class="form-label">Email
address</label>
                        <input type="email" class="form-control" id="email"
placeholder="name@example.com" required>
                    </div>
                    <div class="mb-3">
                        <label for="password" class="form-
label">Password</label>
                        <input type="password" class="form-control"
id="password" required minlength="8" placeholder="Must be at least 8 characters">
                    </div>
                    <div class="mb-3">
                        <label for="confirmPassword" class="form-label">Confirm
Password</label>
                        <input type="password" class="form-control"
id="confirmPassword" required>
                    </div>
                    <div class="mb-3">
                        <label for="address" class="form-label">Address</label>
                        <textarea class="form-control" id="address" rows="3"
required></textarea>
                    </div>
                    <button type="submit" class="btn btn-primary w-
100">Register</button>
                </form>
            </div>
        </div>
    </div>
</div>

```

```

        </div>
    </div>
</div>

<!-- Footer -->
<footer class="bg-light text-center py-3 mt-auto">
    <div class="container">
        <p>&copy; 2025 My Website. All rights reserved.</p>
    </div>
</footer>

<!-- Bootstrap JS Bundle -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

## Style.css

```

/* Custom Styles for Supermarket Website */
body {
    font-family: Arial, sans-serif;
    background-color: #f8f9fa;
}

.navbar-brand {
    font-weight: 700;
}

.carousel-item img {
    height: 400px; /* Adjust height for the banner images */
    object-fit: cover;
}

.card {
    border-radius: 0.5rem;
}

.card-img-top {
    border-top-left-radius: 0.5rem;
    border-top-right-radius: 0.5rem;
    height: 200px; /* Consistent image height for cards */
    object-fit: cover;
}

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

.btn-primary:hover {
    background-color: #0056b3;
}

```

```

border-color: #0056b3;
}

footer {
border-top: 1px solid #e9ecef;
}

```

CaseStudy 2:

index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Community Event Home</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="style.css">
  <!-- Bootstrap Icons -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

  <header class="bg-primary text-white text-center py-4">
    <h1>Local Community Event</h1>
    <p class="lead">Join us for a day of fun and activities!</p>
  </header>

  <nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="index.html">
        <i class="bi bi-calendar-event me-2"></i>Event Hub
      </a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="index.html">Home</a>
          </li>

```

```

        <li class="nav-item">
            <a class="nav-link" href="about.html">About Event</a>
        </li>
        <li class="nav-item">
            <a class="nav-link" href="register.html">Register</a>
        </li>
    </ul>
</div>
</div>
</nav>

<main class="container my-5">
    <section class="mb-5">
        <h2 class="text-center mb-4 text-primary fw-bold">Event Highlights</h2>
        <div class="row g-4">
            <div class="col-lg-6">
                <div class="box-model-demo p-3 border border-3 rounded shadow">
                    <h3 class="text-center">Promotional Video</h3>
                    <video class="w-100 rounded" controls>
                        <source
src="https://assets.mixkit.co/videos/preview/mixkit-hand-holding-a-cellphone-and-a-cup-of-coffee-4416-large.mp4" type="video/mp4">
                        Your browser does not support the video tag.
                    </video>
                </div>
            </div>
            <div class="col-lg-6">
                <div class="box-model-demo p-3 border border-3 rounded shadow">
                    <h3 class="text-center">Event Schedule</h3>
                    <div class="table-responsive">
                        <table class="table table-striped table-bordered table-
hover">
                            <thead class="table-dark">
                                <tr>
                                    <th scope="col">Time</th>
                                    <th scope="col">Activity</th>
                                </tr>
                            </thead>
                            <tbody>
                                <tr>
                                    <td>9:00 AM</td>
                                    <td>Opening Ceremony</td>
                                </tr>
                                <tr>
                                    <td>10:00 AM</td>
                                    <td>Workshops</td>
                                </tr>
                                <tr>
                                    <td>1:00 PM</td>
                                    <td>Lunch Break</td>
                                </tr>
                                <tr>
                                    <td>2:00 PM</td>
                                </tr>
                            </tbody>
                        </table>
                    </div>
                </div>
            </div>
        </div>
    </section>
</main>

```



```

        <td>Live Music</td>
      </tr>
      <tr>
        <td>5:00 PM</td>
        <td>Closing Remarks</td>
      </tr>
    </tbody>
  </table>
</div>
<h3 class="text-center mt-4">Theme Song</h3>
<div class="d-flex justify-content-center">
  <audio controls class="w-100">
    <source
src="https://www.soundhelix.com/examples/mp3/SoundHelix-Song-1.mp3"
type="audio/mpeg">
    Your browser does not support the audio element.
  </audio>
</div>
</div>
</div>
</div>
</section>
</main>

<footer class="bg-dark text-white text-center py-3 mt-auto">
  <div class="container">
    <p>&copy; 2025 Local Community Event. All rights reserved.</p>
  </div>
</footer>

<!-- Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

About.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>About the Event</title>
  <!-- Bootstrap CSS -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <!-- Custom CSS -->
  <link rel="stylesheet" href="style.css">
  <!-- Bootstrap Icons -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">

```

```

</head>
<body>

  <header class="bg-primary text-white text-center py-4">
    <h1>About the Event</h1>
    <p class="lead">More details on what to expect.</p>
  </header>

  <nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="index.html">
        <i class="bi bi-calendar-event me-2"></i>Event Hub
      </a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link" href="index.html">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="about.html">About Event</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="register.html">Register</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>

  <main class="container my-5">
    <section class="mb-5">
      <div class="box-model-demo p-4 border border-3 rounded shadow">
        <h2 class="text-center mb-4 text-primary fw-bold">About Our
Community Event</h2>
        <p>
          This annual event brings the community together for a day of
celebration, learning, and entertainment. We've organized a variety of activities to
ensure there's something for everyone, from children to adults. It's a fantastic
opportunity to meet new people, engage with local businesses, and have a great time
with family and friends.
        </p>
        <h3 class="mt-4 text-primary">Key Activities</h3>
        <ul>
          <li>Interactive workshops and demonstrations</li>
          <li>Live performances from local artists</li>
          <li>Food stalls with diverse culinary options</li>
          <li>Kids' zone with games and face painting</li>
        </ul>
      </div>
    </section>
  </main>

```

```

        <li>Networking sessions for local professionals</li>
    </ul>
</div>
</section>
</main>

<footer class="bg-dark text-white text-center py-3 mt-auto">
    <div class="container">
        <p>&copy; 2025 Local Community Event. All rights reserved.</p>
    </div>
</footer>

<!-- Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
/script>
</body>
</html>

```

Register.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Register for Event</title>
    <!-- Bootstrap CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <!-- Custom CSS -->
    <link rel="stylesheet" href="style.css">
    <!-- Bootstrap Icons -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">
</head>
<body>

    <header class="bg-primary text-white text-center py-4">
        <h1>Register for the Event</h1>
        <p class="lead">Secure your spot today!</p>
    </header>

    <nav class="navbar navbar-expand-lg navbar-dark bg-dark sticky-top">
        <div class="container-fluid">
            <a class="navbar-brand" href="index.html">
                <i class="bi bi-calendar-event me-2"></i>Event Hub
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="navbar-toggler-icon"></span>

```

```

        </button>
        <div class="collapse navbar-collapse" id="navbarNav">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link" href="index.html">Home</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="about.html">About Event</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link active" aria-current="page"
href="register.html">Register</a>
                </li>
            </ul>
        </div>
    </div>
</nav>

<main class="container my-5">
    <div class="row justify-content-center">
        <div class="col-lg-6">
            <div class="card p-4 shadow">
                <h2 class="text-center mb-4 text-primary fw-bold">Registration
Form</h2>

                <form action="#" method="post">
                    <div class="mb-3">
                        <label for="fullName" class="form-label">Full
Name</label>

                        <input type="text" class="form-control" id="fullName"
required placeholder="Enter your full name">
                    </div>
                    <div class="mb-3">
                        <label for="email" class="form-label">Email
address</label>

                        <input type="email" class="form-control" id="email"
required placeholder="name@example.com">
                    </div>
                    <div class="mb-3">
                        <label for="age" class="form-label">Age</label>
                        <input type="number" class="form-control" id="age"
required min="1" max="120">
                    </div>
                    <div class="mb-3">
                        <label class="form-label d-block">Are you a
student?</label>

                        <div class="form-check form-check-inline">
                            <input class="form-check-input" type="radio"
name="isStudent" id="isStudentYes" value="yes" required>
                            <label class="form-check-label"
for="isStudentYes">Yes</label>
                        </div>
                        <div class="form-check form-check-inline">

```

```

        <input class="form-check-input" type="radio"
name="isStudent" id="isStudentNo" value="no">
        <label class="form-check-label"
for="isStudentNo">No</label>
    </div>
</div>
<div class="mb-3">
    <label for="interest" class="form-label">Main
Interest</label>
    <select class="form-select" id="interest" required>
        <option selected disabled
value="">Choose...</option>
        <option>Workshops</option>
        <option>Live Music</option>
        <option>Networking</option>
        <option>Other</option>
    </select>
</div>
    <button type="submit" class="btn btn-primary w-100">Submit
Registration</button>
</form>
</div>
</div>
</div>
</main>

<footer class="bg-dark text-white text-center py-3 mt-auto">
    <div class="container">
        <p>&copy; 2025 Local Community Event. All rights reserved.</p>
    </div>
</footer>

<!-- Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"><
</script>
</body>
</html>

```

```

style.css:
/* Custom Styles for Event Website */
body {
    font-family: Arial, sans-serif;
    background-color: #f8f9fa;
    display: flex;
    flex-direction: column;
    min-height: 100vh;
}

.navbar-brand {
    font-weight: 700;
}

```

```
.lead {  
  font-size: 1.25rem;  
}  
  
.box-model-demo {  
  background-color: white;  
  padding: 20px;  
  border-radius: 10px;  
}  
  
footer {  
  border-top: 1px solid #e9ecef;  
}
```