

```

<!DOCTYPE html>
<html lang="en">
<head>
<title>Advanced Online Shopping System</title>
</head>
<body>

<header>
  <h1>Online Shopping System</h1>
</header>

<main>
  <section aria-label="Products">
    <h2>Products</h2>
    <div id="products">
      <div class="product" draggable="true" data-name="Smart Watch" data-price="99.99"
tabindex="0" aria-grabbed="false" aria-label="Smart Watch, Price ₹99.99">
        
        <p>Smart Watch<br><b>₹99.99</b></p>
      </div>
      <div class="product" draggable="true" data-name="Wireless Earbuds" data-price="59.99"
tabindex="0" aria-grabbed="false" aria-label="Wireless Earbuds, Price ₹59.99">
        
        <p>Wireless Earbuds<br><b>₹59.99</b></p>
      </div>
      <div class="product" draggable="true" data-name="kurtha" data-price="39.99" tabindex="0"
aria-grabbed="false" aria-label="Gaming Mouse, Price ₹39.99">
        
        <p>Gaming Mouse<br><b>₹39.99</b></p>
      </div>
    </div>
    <h3>Product Video</h3>
    <video controls aria-label="Product Demo Video">

<source src="https://interactive-examples.mdn.mozilla.net/media/cc0-videos/flower.webm"
type="video/webm" />

<source src="https://interactive-examples.mdn.mozilla.net/media/cc0-videos/flower.mp4"
type="video/mp4" />

    </video>
  </section>

  <section aria-label="Shopping Cart">
    <h2>Shopping Cart</h2>
    <div id="cart" tabindex="0" aria-dropeffect="none" aria-live="polite" aria-label="Drop products
here to add to your cart">

      <p>Drag products here to add them to your cart</p>
    </div>
  </section>

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</div>
<p id="totalPrice"><strong>Total: $0.00</strong></p>
</section>
```

```
<section aria-label="Store Location">
  <h2>Find Our Store</h2>
  <button id="locateBtn" aria-describedby="locationStatus">Show My Location</button>
  <p id="locationStatus">Location not determined yet.</p>
</section>
```

```
<section aria-label="Product Categories">
  <h2>Browse Categories</h2>
  
  <map name="categorymap">
    <area shape="rect" coords="488,435,479,421" href="electronics.html" alt="Electronics"
tabindex="0" />
    <area shape="rect" coords="120,10,220,110" href="clothing.html" alt="Clothing" tabindex="0" />
    <area shape="rect" coords="230,10,330,110" href="#home" alt="Home Appliances" tabindex="0"
/>
  </map>
  <div id="electronics" tabindex="0" style="margin-top:1rem;">
    <h3>Electronics</h3>
    <p>Smart watches, earbuds, gaming mice and more.</p>
  </div>
  <div id="clothing" tabindex="0" style="margin-top:1rem;">
    <h3>Clothing</h3>
    <p>Fashionable apparels and accessories.</p>
  </div>
  <div id="home" tabindex="0" style="margin-top:1rem;">
    <h3>Home Appliances</h3>
    <p>Essential home devices and kitchen tools.</p>
  </div>
</section>
<section aria-label="Purchase Form">
  <h2>Purchase Form</h2>
  <form id="purchaseForm">
    <label for="fullName">Full Name:</label>
    <input type="text" id="fullName" name="fullName" required placeholder="enter your name" />

    <label for="email">Email:</label>
    <input type="email" id="email" name="email" required placeholder="john@example.com" />

    <label for="phone">Phone Number:</label>
    <input type="tel" id="phone" name="phone" pattern="[0-9]{10}" placeholder="1234567890" />
```

```
<label for="address">Shipping Address:</label>
<textarea id="address" name="address" rows="3" required placeholder="enter your
address"></textarea>
```

```
<label for="paymentMethod">Payment Method:</label>
<select id="paymentMethod" name="paymentMethod" required>
  <option value="" disabled selected>Select a payment method</option>
  <option value="creditCard">Credit Card</option>
  <option value="debitCard">Debit Card</option>
  <option value="paypal">PayPal</option>
  <option value="cod">Cash on Delivery</option>
</select>
```

```
<label for="quantity">Quantity:</label>
<input type="number" id="quantity" name="quantity" min="1" max="10" value="1" required />
```

```
<fieldset>
  <legend>Subscribe to newsletter?</legend>
  <label><input type="radio" name="newsletter" value="yes" required /> Yes</label>
  <label><input type="radio" name="newsletter" value="no" /> No</label>
</fieldset>
```

```
<label for="deliveryDate">Preferred Delivery Date:</label>
<input type="date" id="deliveryDate" name="deliveryDate" min="" />
```

```
<label for="promoCode">Promo Code:</label>
<input type="text" id="promoCode" name="promoCode" placeholder="Enter promo code if any" />
```

```
<button type="submit">Place Order</button>
</form>
<p id="formMessage" aria-live="polite"></p>
```

```
</section>
```

```
</main>
```

```
<script>
const products = document.querySelectorAll('.product');
const cart = document.getElementById('cart');
const totalPriceEl = document.getElementById('totalPrice');
let cartItems = [];
```

```
products.forEach(product => {
  product.addEventListener('dragstart', (e) => {
    e.dataTransfer.setData('text/plain', JSON.stringify({
```

```

        name: product.dataset.name,
        price: parseFloat(product.dataset.price)
    });
    product.setAttribute('aria-grabbed', 'true');
});
product.addEventListener('dragend', () => {
    product.setAttribute('aria-grabbed', 'false');
});
});

cart.addEventListener('dragover', (e) => {
    e.preventDefault();
    cart.setAttribute('aria-dropeffect', 'copy');
});

cart.addEventListener('dragleave', (e) => {
    cart.setAttribute('aria-dropeffect', 'none');
});

cart.addEventListener('drop', (e) => {
    e.preventDefault();
    cart.setAttribute('aria-dropeffect', 'none');
    const data = e.dataTransfer.getData('text/plain');
    if (data) {
        const product = JSON.parse(data);
        cartItems.push(product);
        updateCartUI();
    }
});

function updateCartUI() {
    if (cartItems.length === 0) {
        cart.innerHTML = '<p>Drag products here to add them to your cart</p>';
        totalPriceEl.textContent = 'Total: ₹0.00';
        return;
    }
    cart.innerHTML = '';
    cartItems.forEach((item, idx) => {
        const div = document.createElement('div');

        div.classList.add('cart-item');

        div.textContent = `${item.name} - ₹${item.price.toFixed(2)}`;

        cart.appendChild(div);
    });

    const total = cartItems.reduce((sum, item) => sum + item.price, 0);

```

```
totalPriceEl.textContent = `Total: ₹{total.toFixed(2)}`;  
}
```

```
const locateBtn = document.getElementById('locateBtn');  
const locationStatus = document.getElementById('locationStatus');
```

```
locateBtn.addEventListener('click', () => {  
  if (!navigator.geolocation) {  
    locationStatus.textContent = 'Geolocation is not supported by your browser.';  
    return;  
  }  
  locationStatus.textContent = 'Locating...';  
  navigator.geolocation.getCurrentPosition(success, error);  
});
```

```
function success(position) {  
  const latitude = position.coords.latitude.toFixed(5);  
  const longitude = position.coords.longitude.toFixed(5);  
  locationStatus.innerHTML = `Latitude: ${latitude}, Longitude: ${longitude} <br> <a  
href="https://www.google.com/maps?q=${latitude},${longitude}" target="_blank"  
rel="noopener">View on Google Maps</a>`;  
}
```

```
function error() {  
  locationStatus.textContent = 'Unable to retrieve your location.';  
}
```

```
const deliveryDate = document.getElementById('deliveryDate');  
const today = new Date().toISOString().split('T')[0];  
deliveryDate.setAttribute('min', today);
```

```
const purchaseForm = document.getElementById('purchaseForm');  
const formMessage = document.getElementById('formMessage');
```

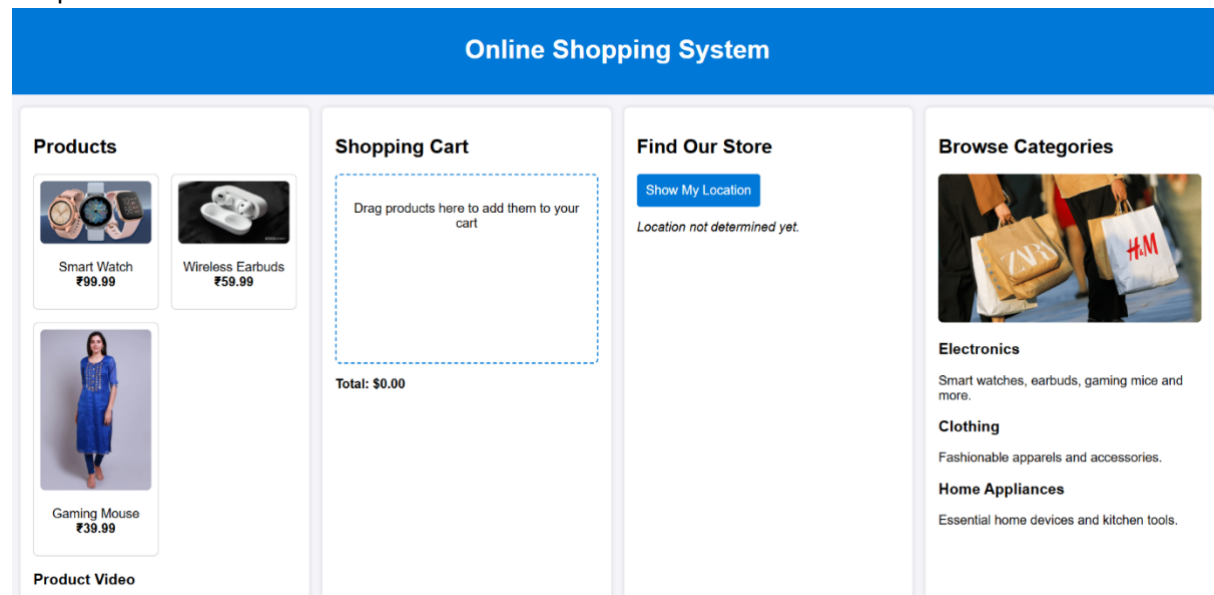
```
purchaseForm.addEventListener('submit', e => {  
  e.preventDefault();  
  if (cartItems.length === 0) {  
    formMessage.textContent = "Please add at least one product to your cart before placing an  
order.";  
    formMessage.style.color = 'red';  
    return;  
  }  
  formMessage.style.color = 'green';  
  formMessage.textContent = `Thank you, ${purchaseForm.fullName.value}! Your order has been  
placed. Total: $$${cartItems.reduce((sum, item) => sum + item.price, 0).toFixed(2)}`;  
  purchaseForm.reset();
```

```

    cartItems = [];
    updateCartUI();
  });
</script>
</body>
</html>

```

Output:



Purchase Form

Full Name:

Email:

Phone Number:

Shipping Address:

Payment Method:

Quantity:

Subscribe to newsletter?

☐ Yes ☐ No

Preferred Delivery Date: